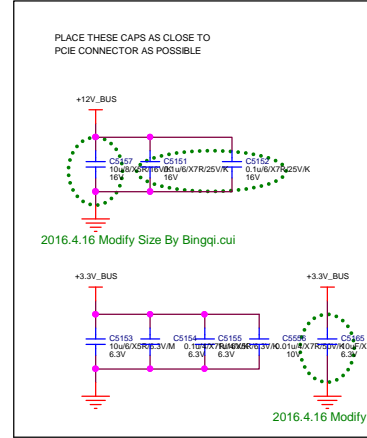
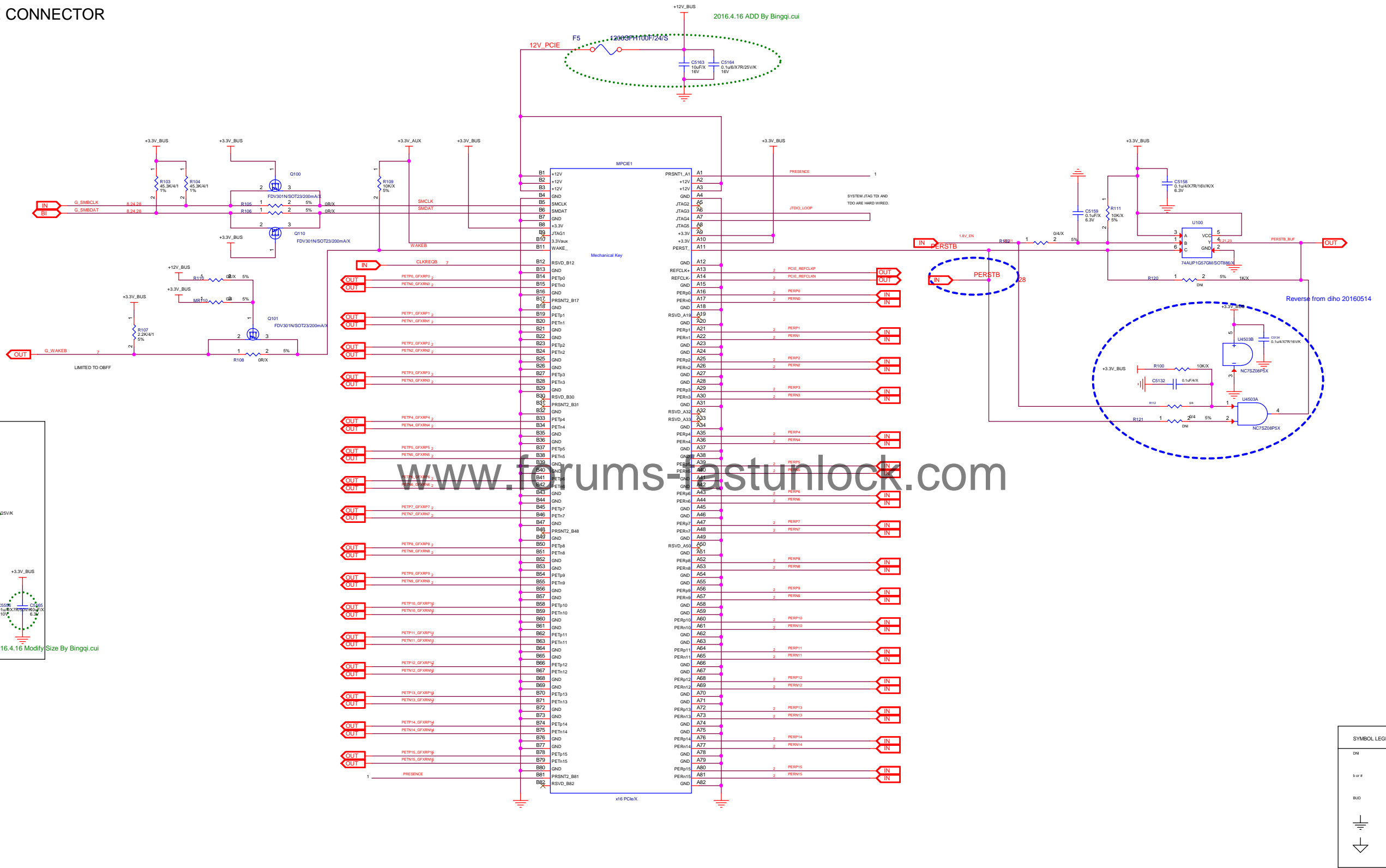


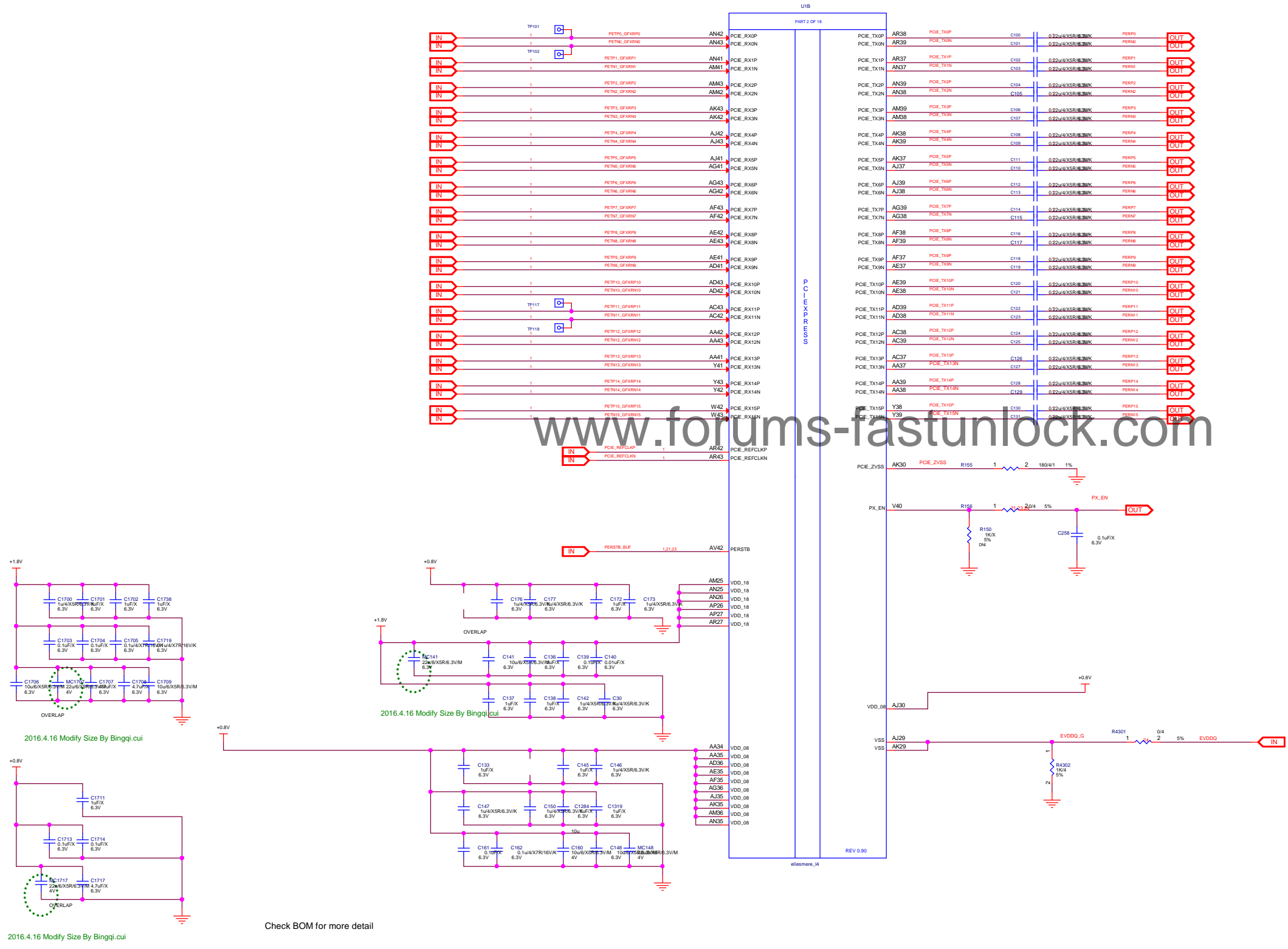
(1) PCI-EXPRESS EDGE CONNECTOR



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GIGABYTE		
Title PCI Express		
Size Custom	Document Number GV-RX570GAMING-8GD-MI	Rev 1.11
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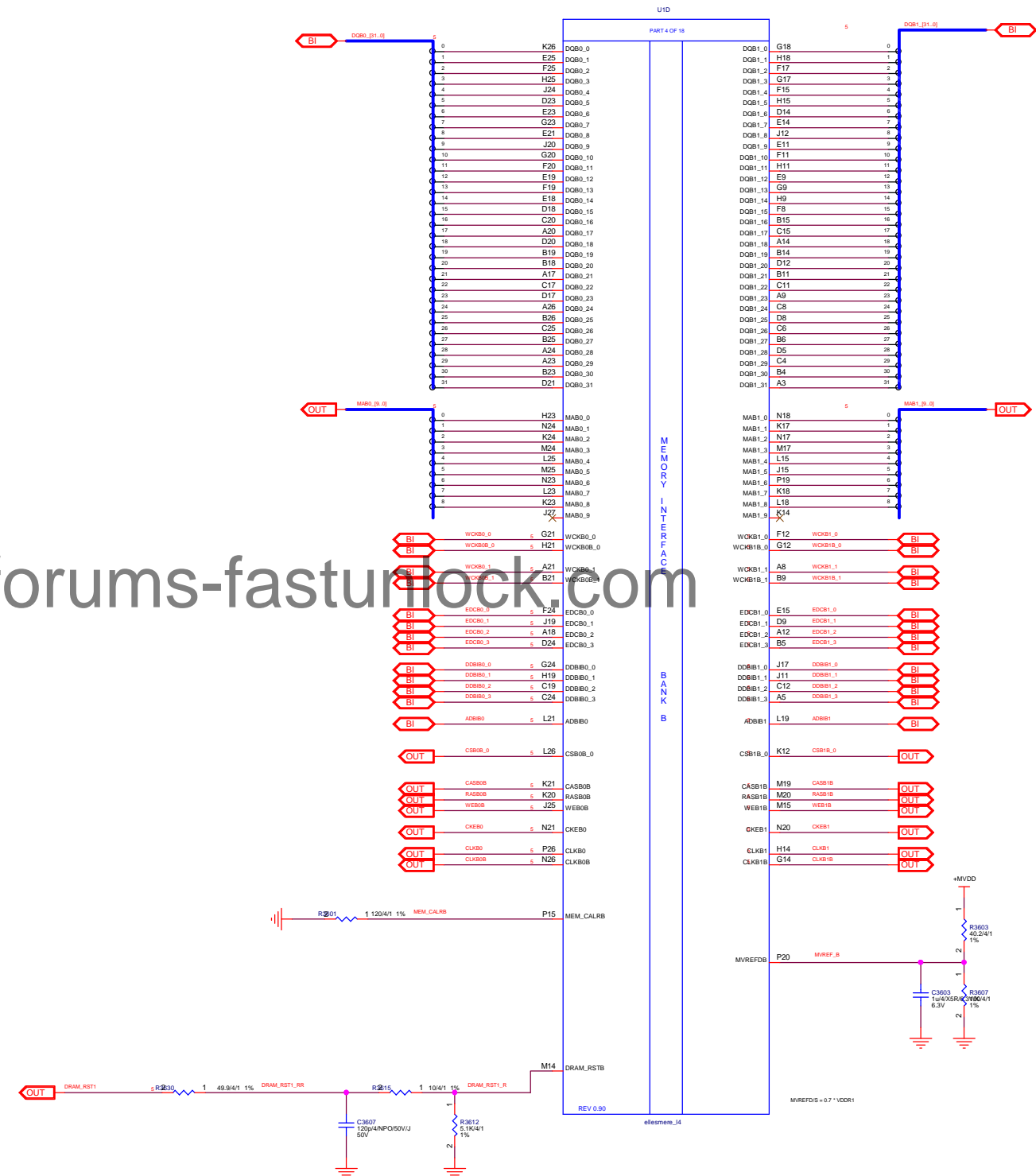
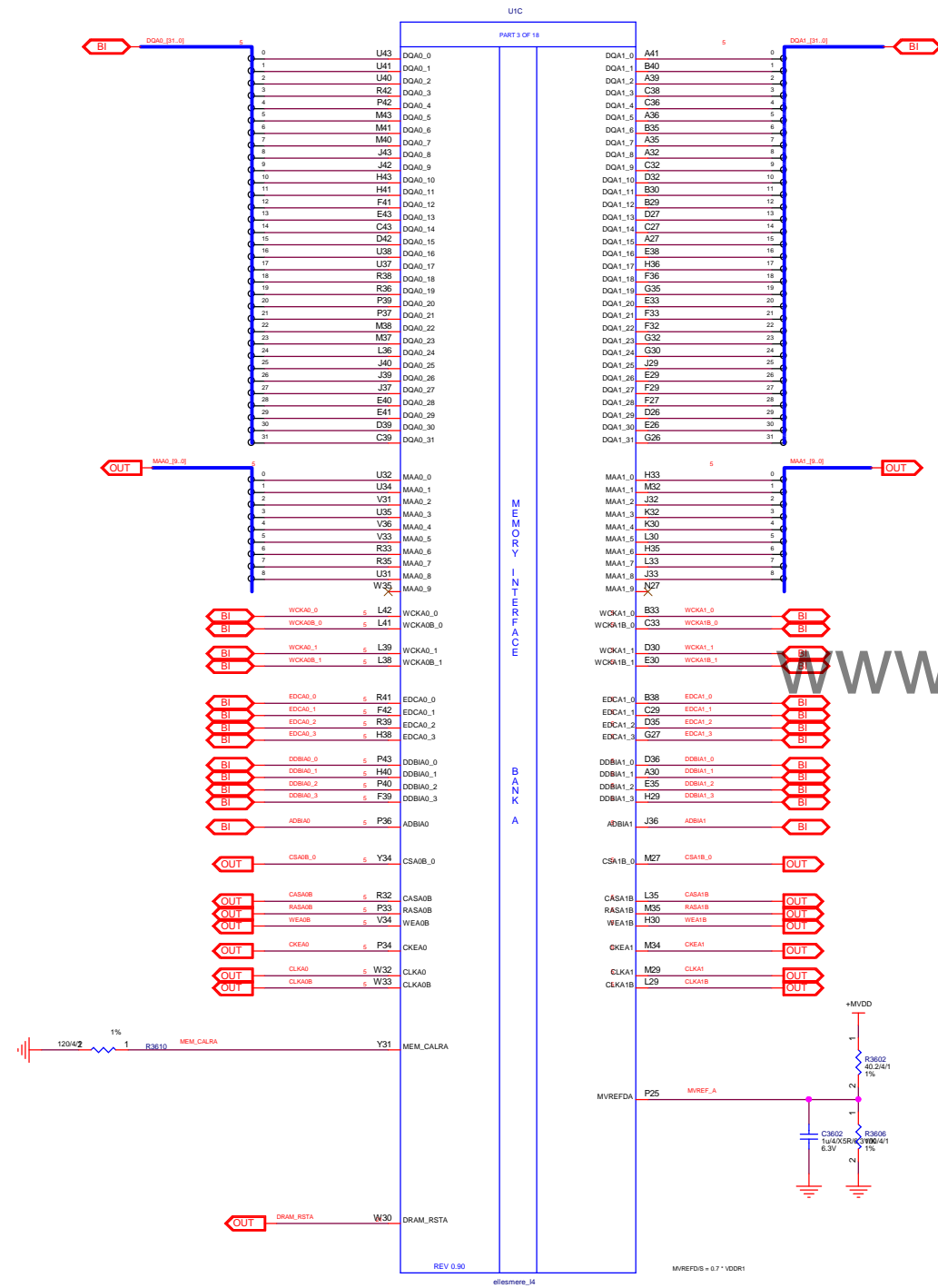
(2) ELLESMERE PCIE INTERFACE



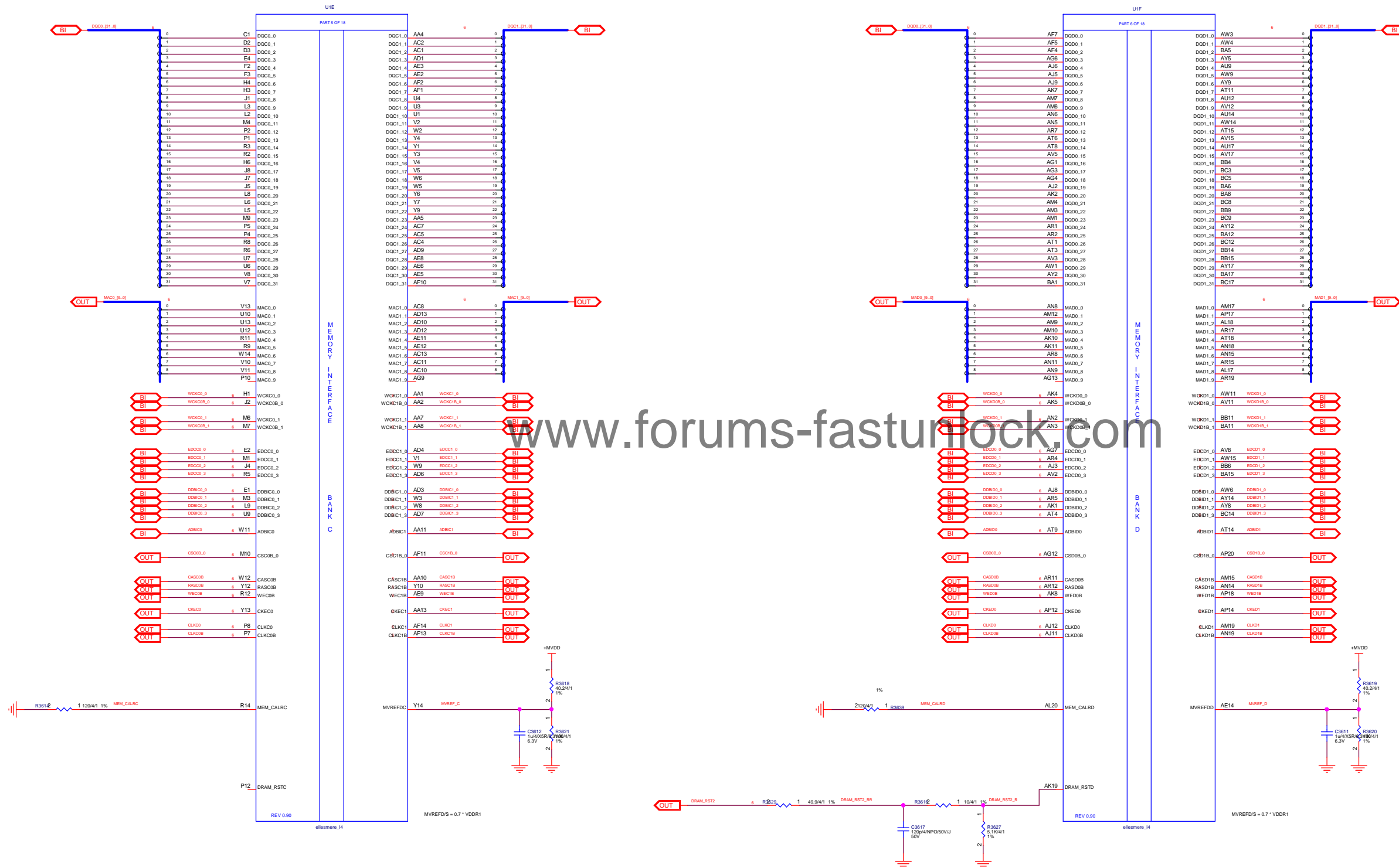
Check BOM for more detail

GIGABYTE			
Title ELLESMERE PCIE INTERFACE			
Size	Document Number	Rev	
Custom	GV-RX570GAMING-8GD-MI	1.11	
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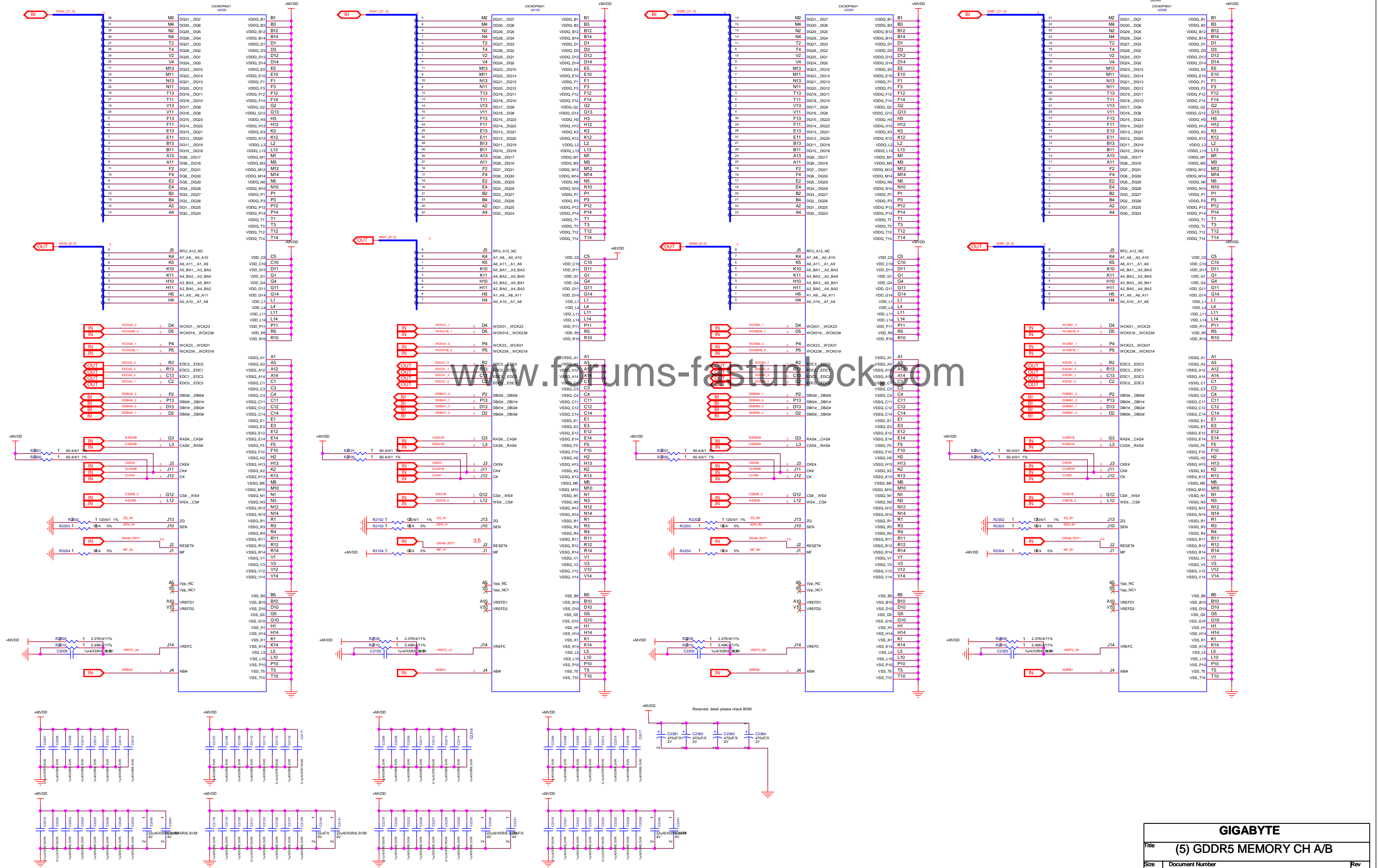
(3) ELLESMERE MEM INTERFACE CH A/B



(4) ELLESMERE MEM INTERFACE CH C/D



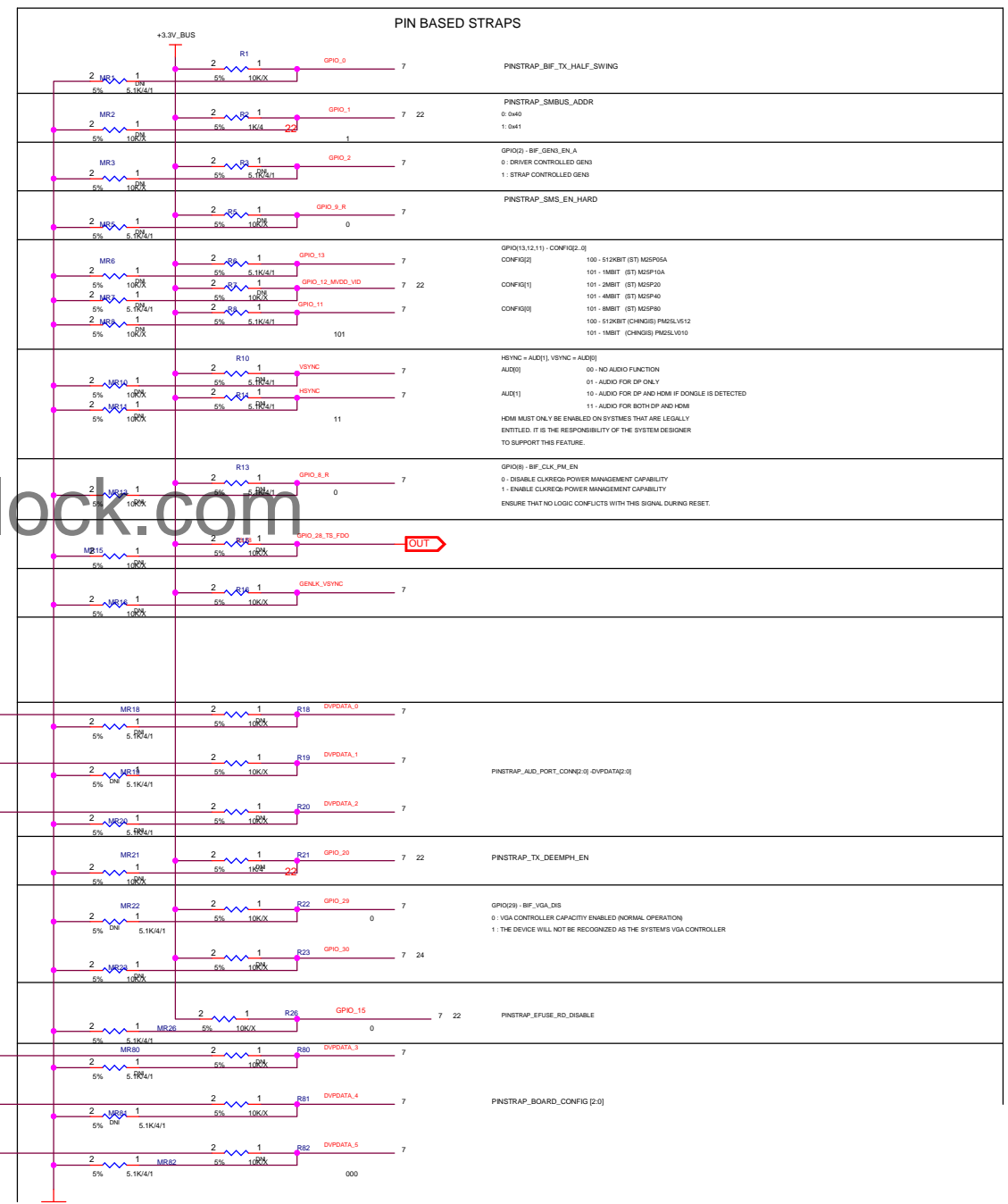
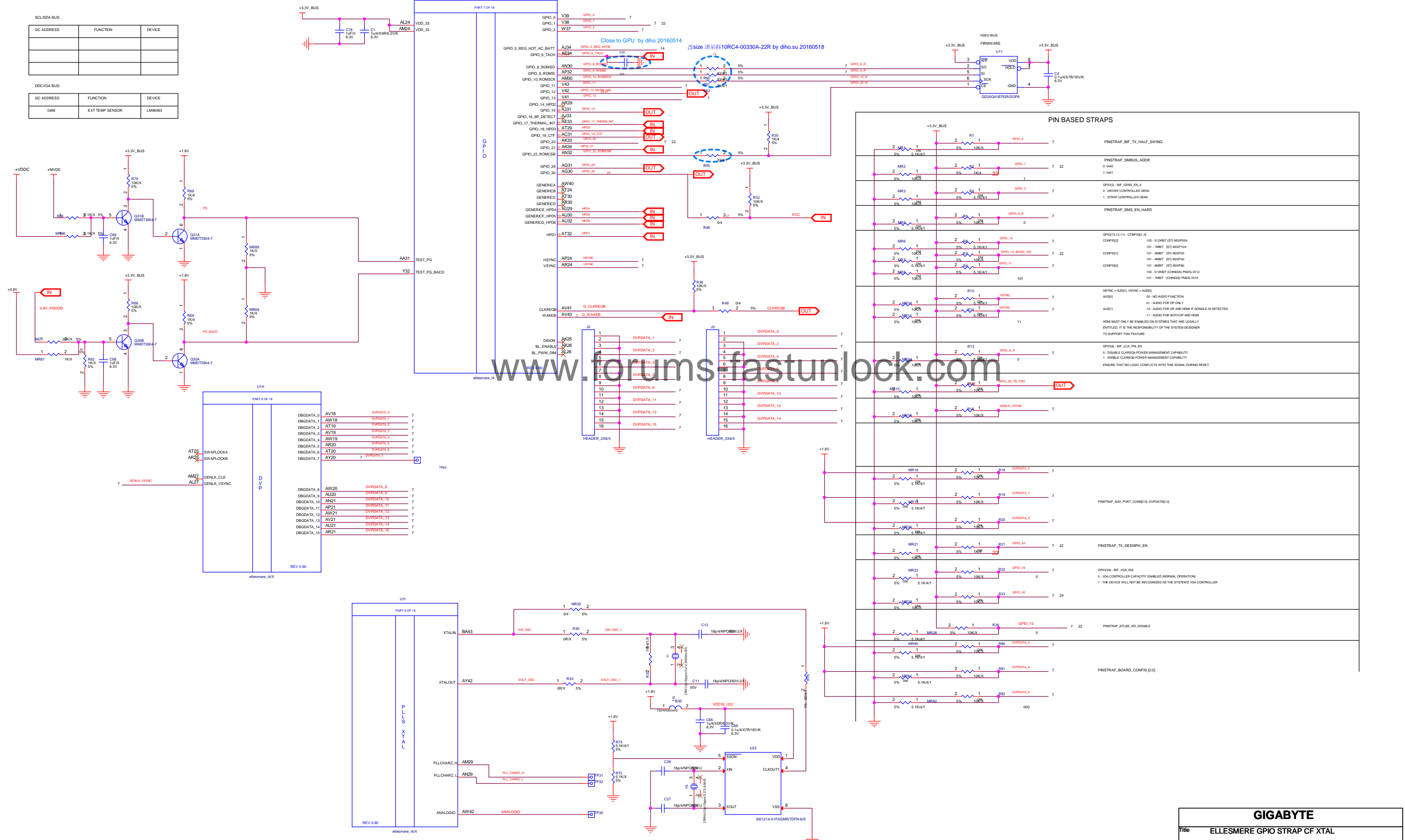
(5) GDDR5 MEMORY CH A/B



(7) ELLESMERE GPIO STRAP CF XTAL

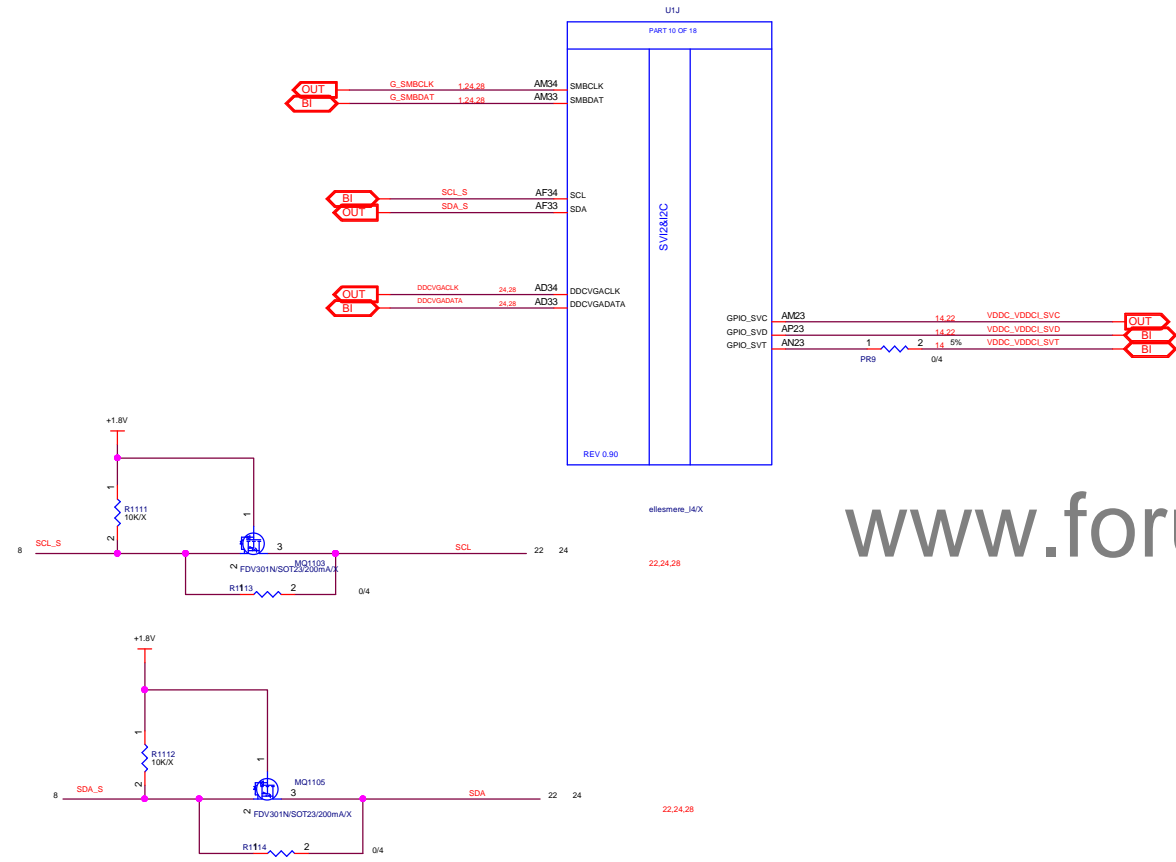
SCLSDA BUS:		
IC ADDRESS	FUNCTION	DEVICE

DDCVGA BUS:		
IC ADDRESS	FUNCTION	DEVICE
048	EXT TEMP SENSOR	LM9603

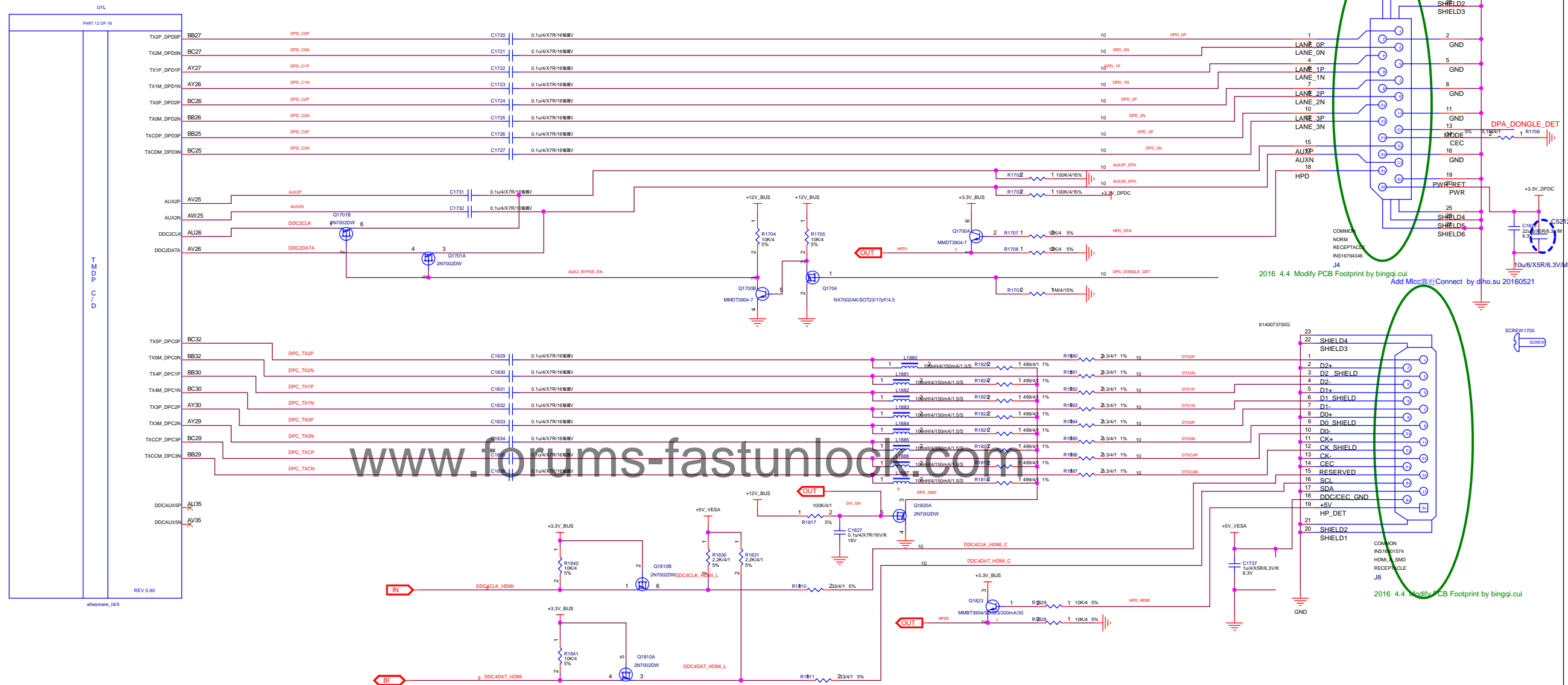


GIGABYTE			
Title ELLESMERE GPIO STRAP CF XTAL			
Size	Document Number	Rev	
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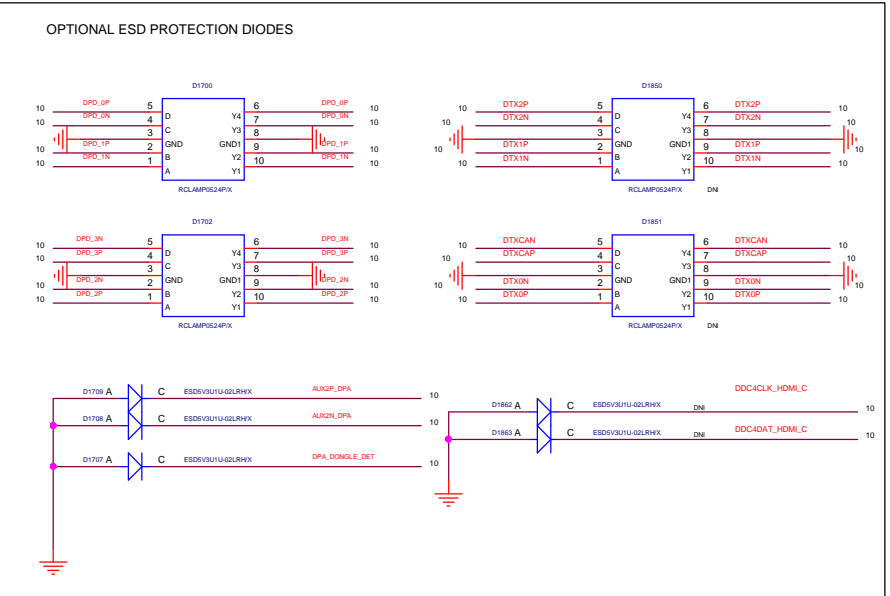
(8) ELLESMERE DAC1 LOCK



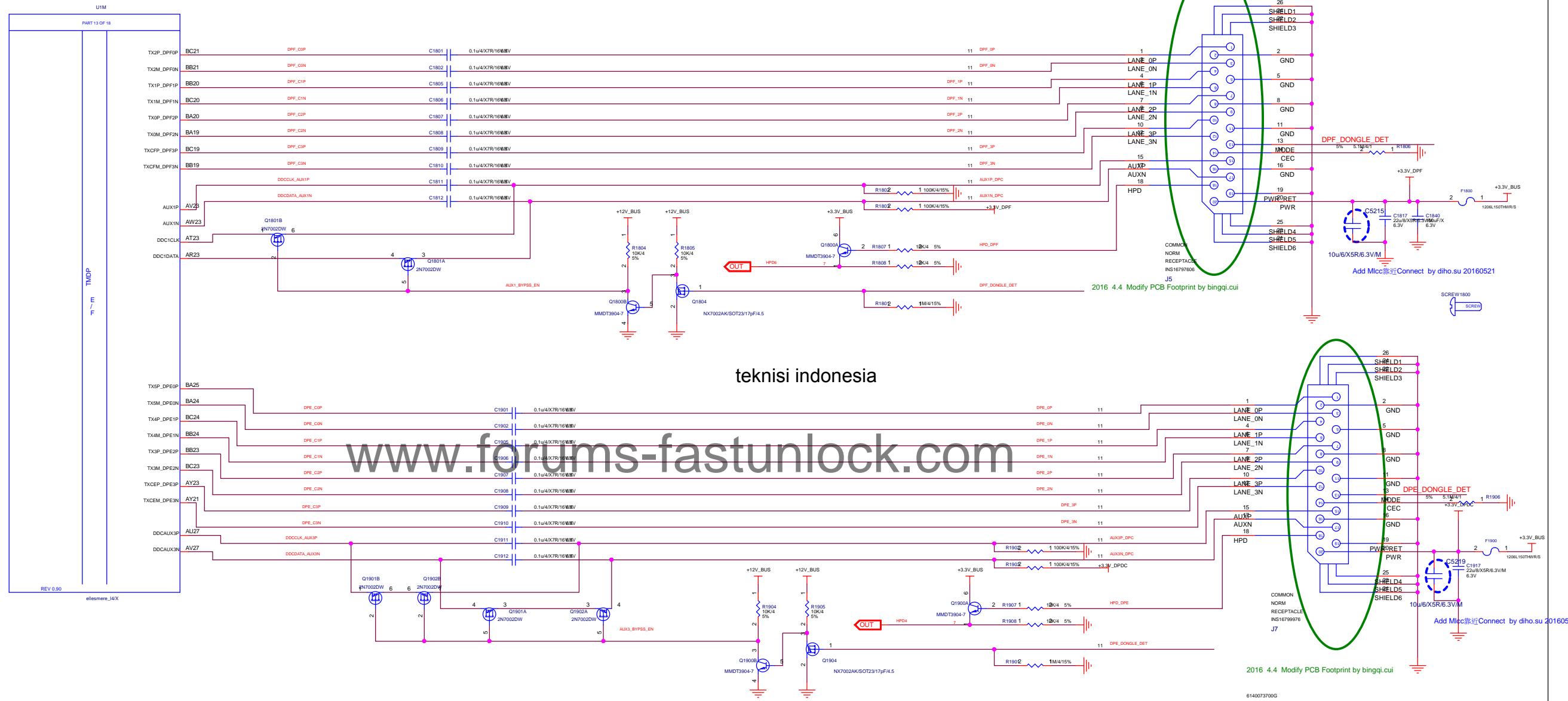
GIGABYTE		
Title ELLESMERE DAC1 LOCK		
Size	Document Number	Rev
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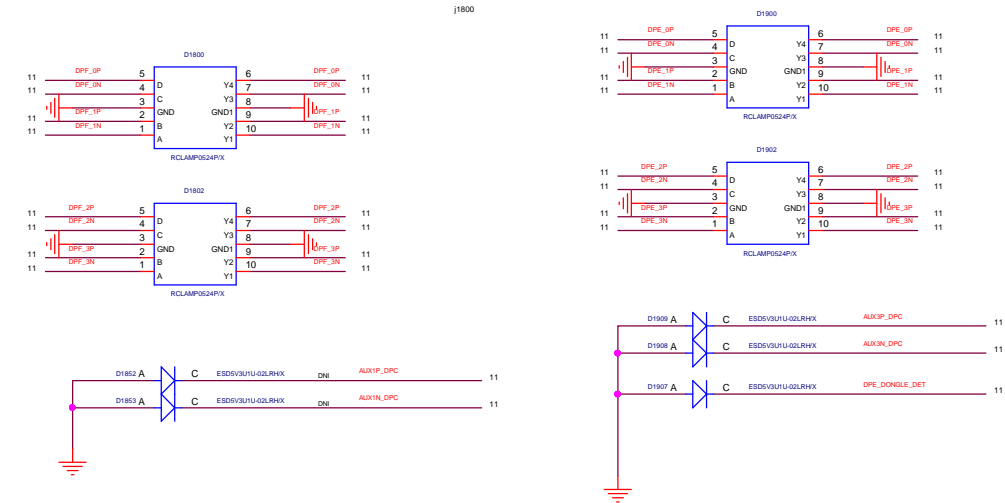
GIGABYTE		
Title ELLESMERE TMDP C/D		
Size Custom	Document Number GV-RX570GAMING-8GD-MI	Rev 1.11
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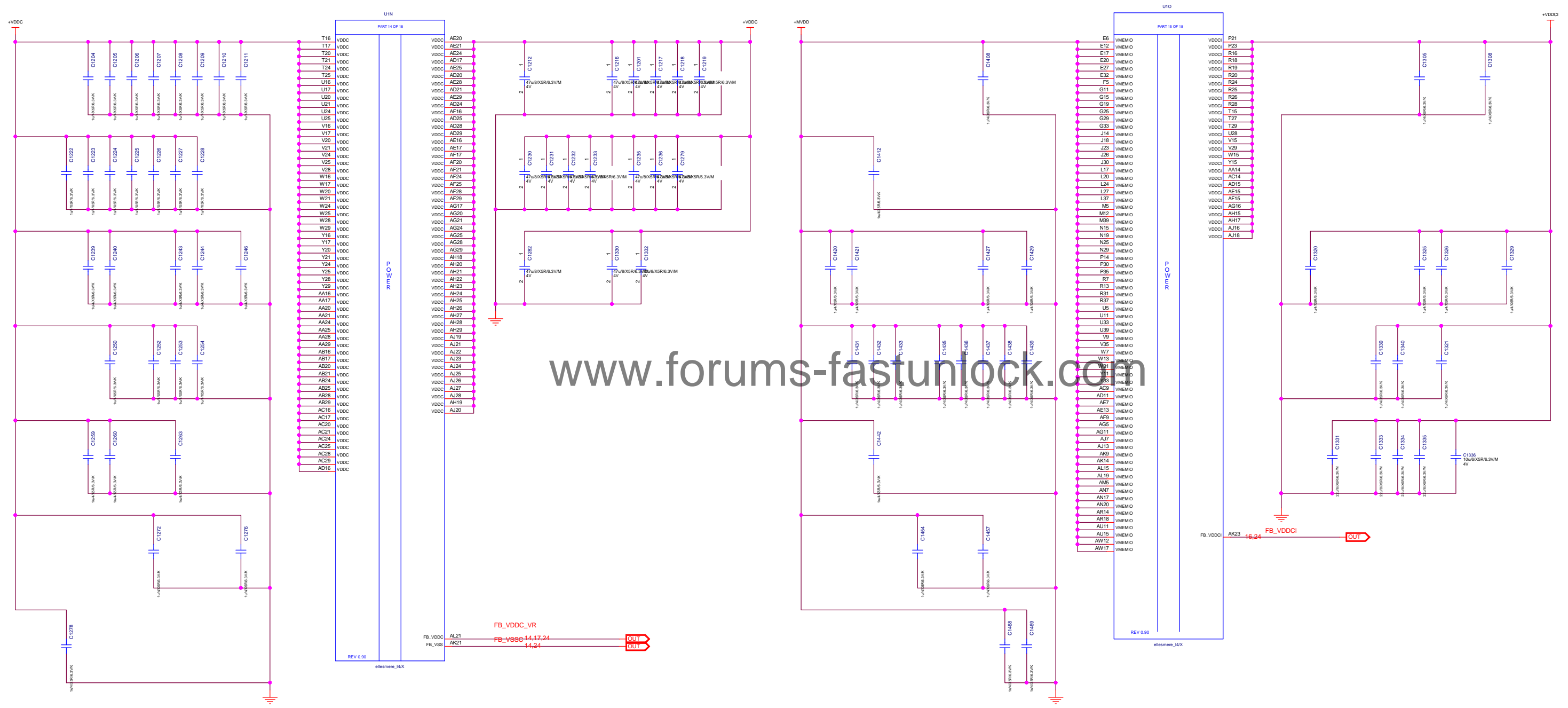
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OPTIONAL ESD PROTECTION DIODES



GIGABYTE			
Title ELLESMERE LVTMDP E/F			
Size	Document Number	Rev	
Custom	GV-RX570GAMING-8GD-MI	1.11	
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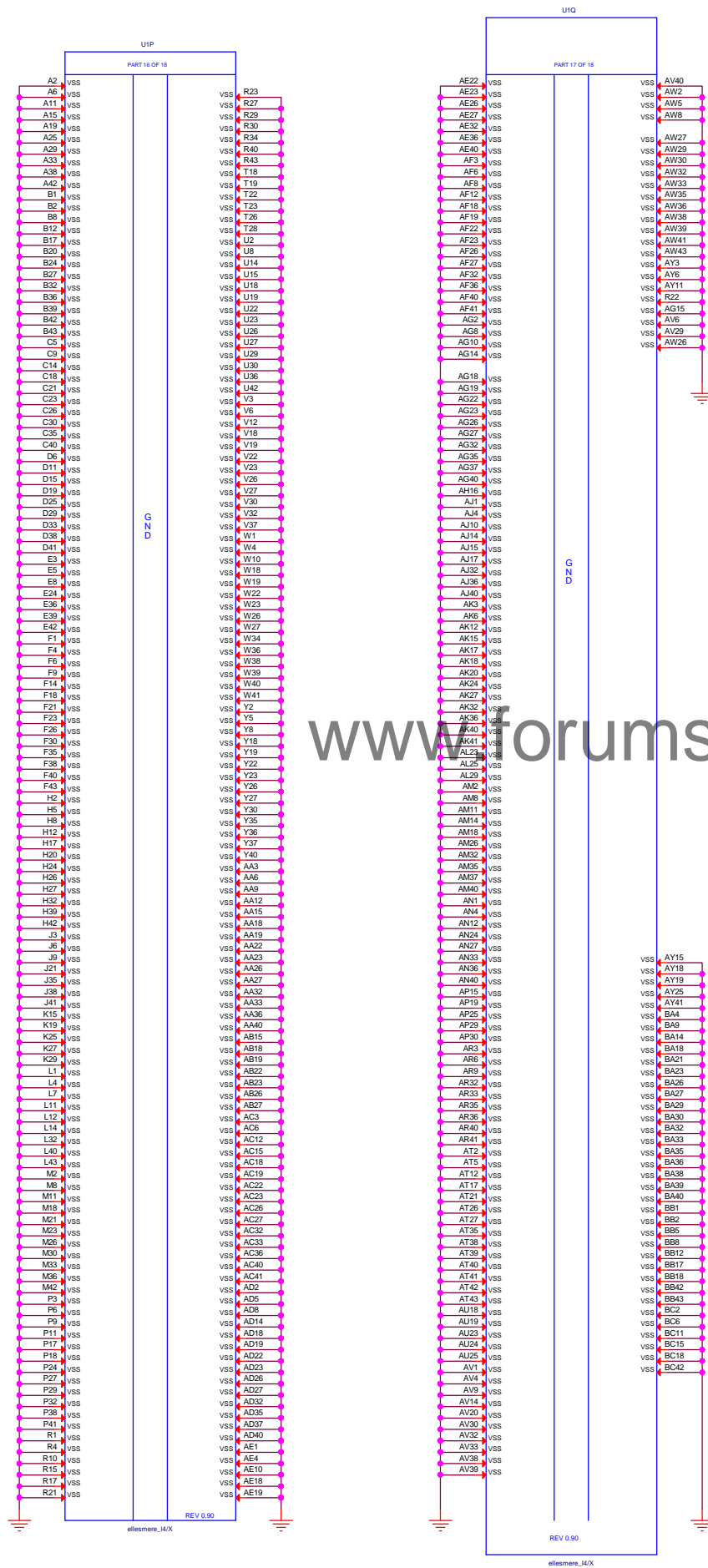
(12) ELLESMERE POWER



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GIGABYTE		
Title PCI Express		
Size	Document Number	Rev
Custom	GV-RX570GAMING-8GD-MI	1.11
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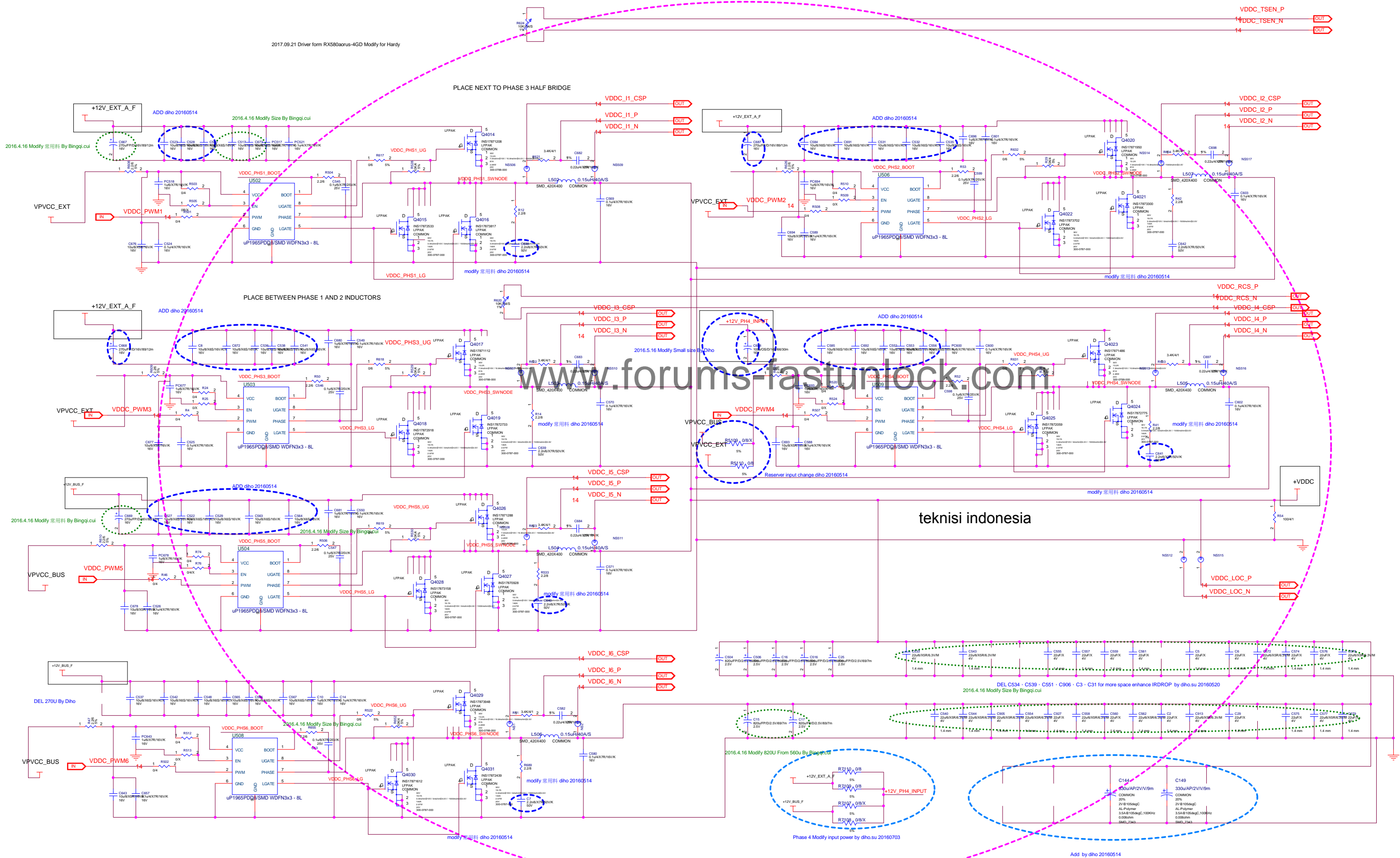
(13) ELLESMERE GROUND



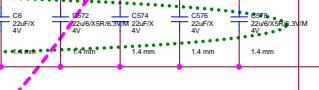
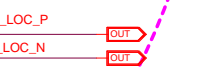
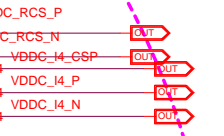
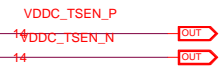
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GIGABYTE			
Title ELLESMERE GND			
Size	Document Number	Rev	
Custom	GV-RX570GAMING-8GD-MI	1.11	
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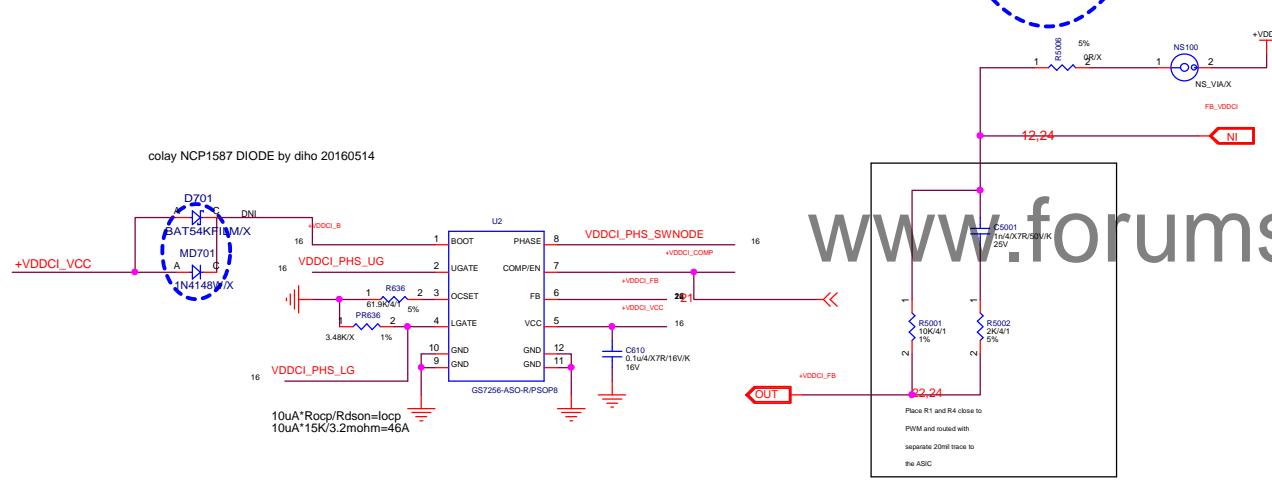
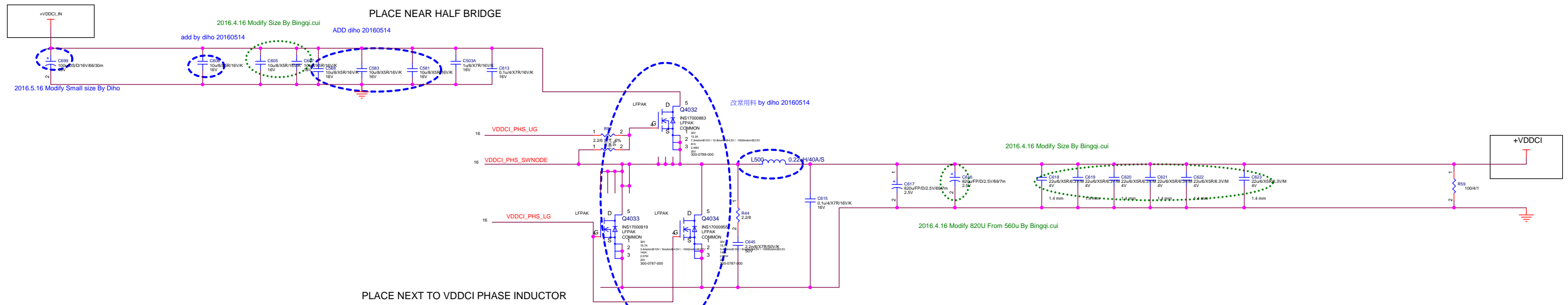
2017.09.21 Driver form RX580aorus-4GD Modify for Hardy



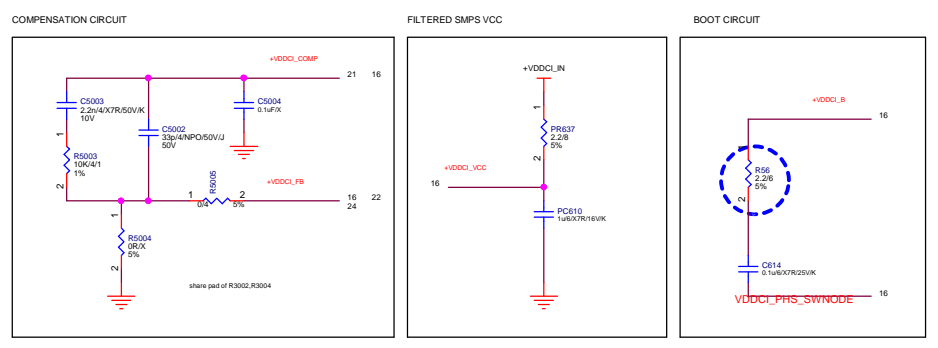
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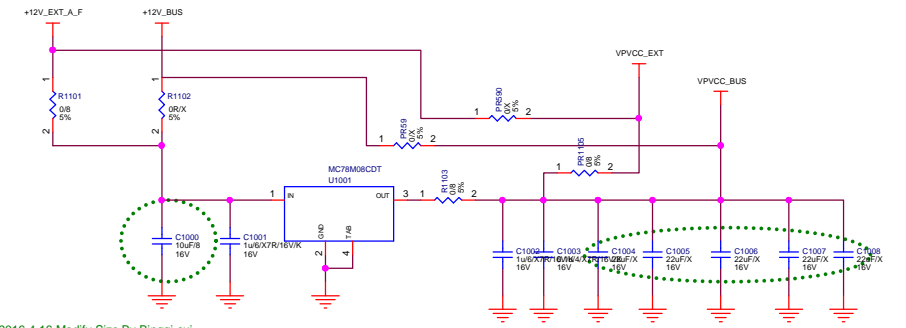
GIGABYTE			
File VDDC Driver			
Size	Document Number	Rev	
Custom	GV-RX570GAMING-8GD-MI	1.11	
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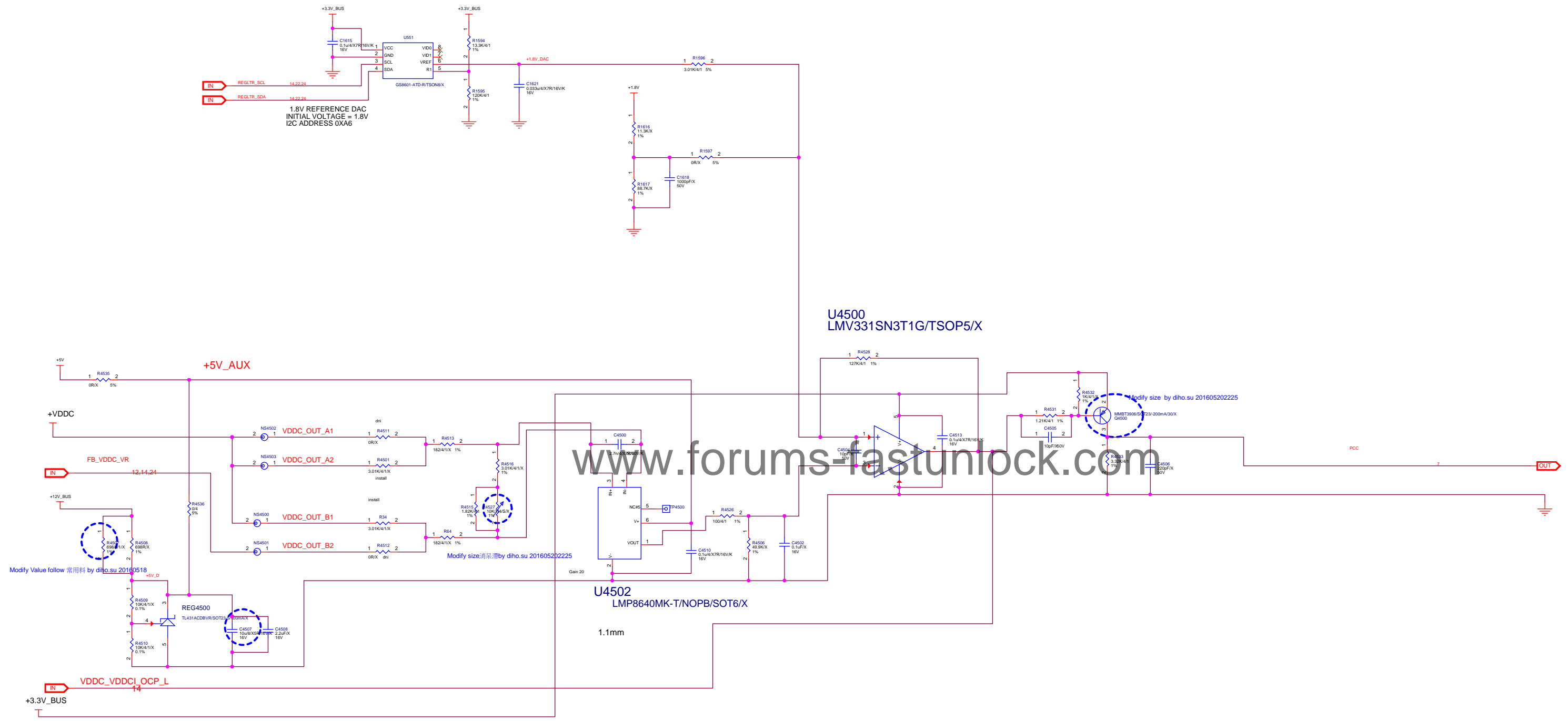
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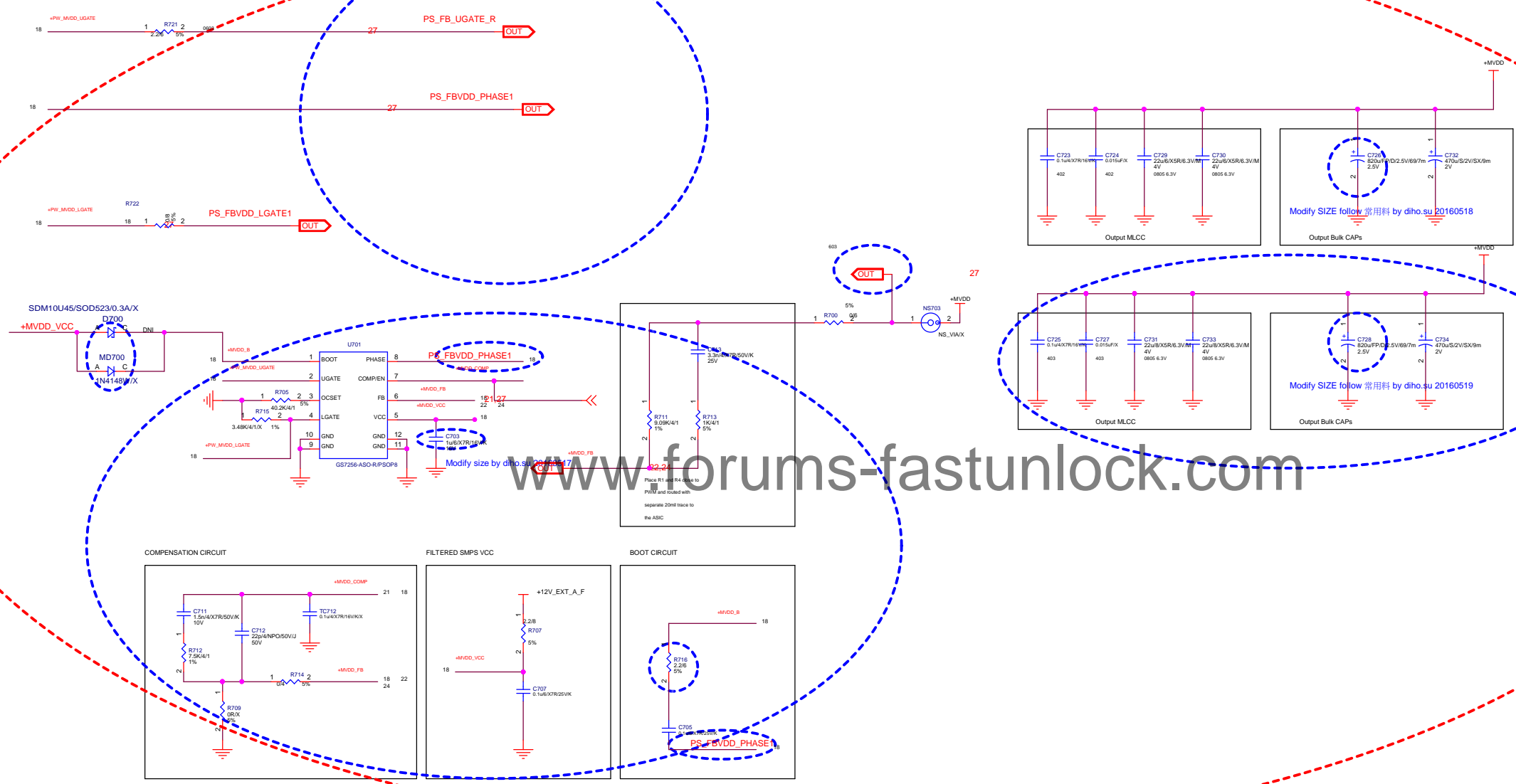
REGULATOR FOR VPVCC RAILS
IOUT MAX = 500mA



GIGABYTE			
File	VDDCI		
Size	Document Number	GV-RX570GAMING-8GD-MI	Rev 1.11
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GIGABYTE			
Title		PCC VDDC	
Size	Document Number	Rev	
Custom	GV-RX570GAMING-8GD-MI	1.11	
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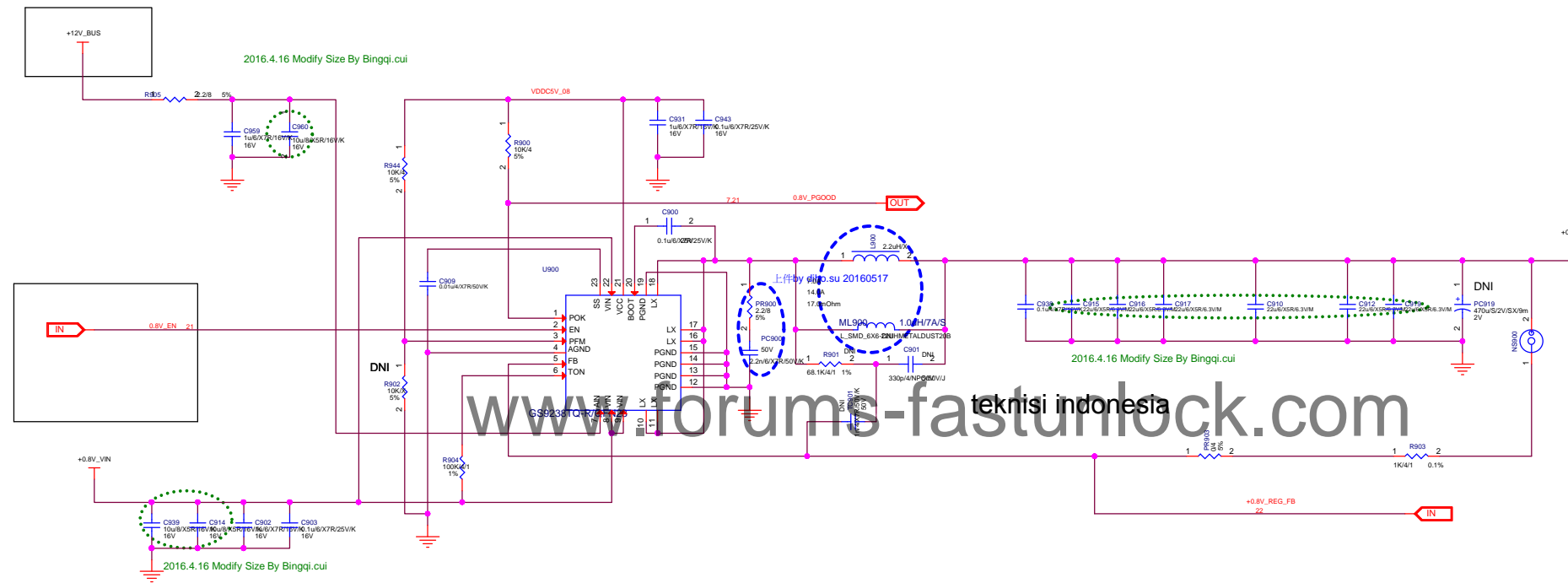


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/X Single phase power by diho.su 20160517

上件 by xiang.l@20160526

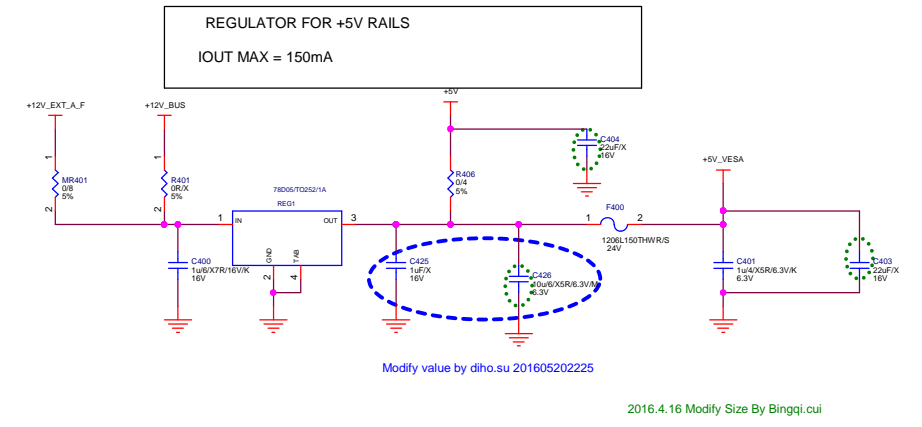
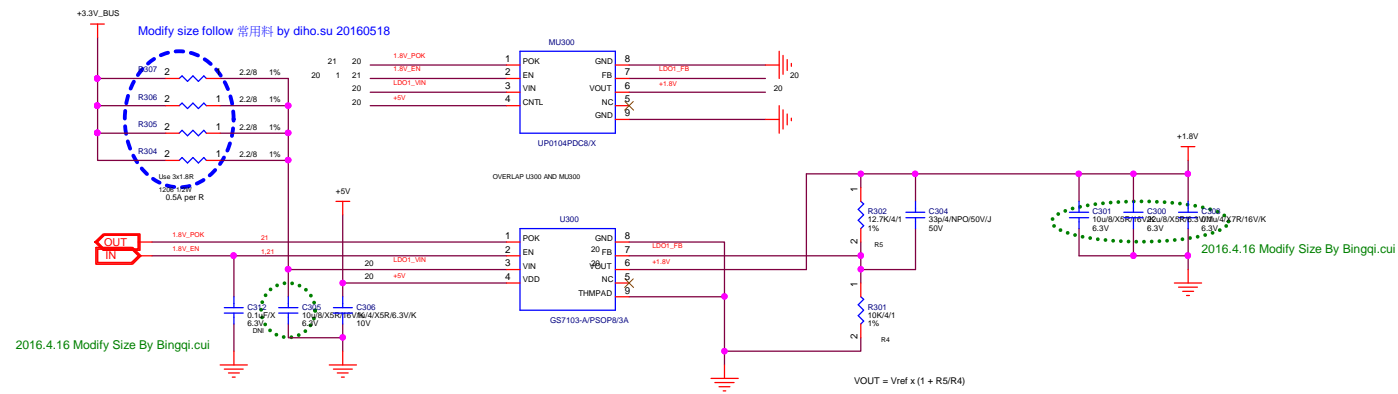
GIGABYTE			
Title		MVDD	
Size	Document Number	Rev	
Custom	GV-RX570GAMING-8GD-MI	1.11	
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GIGABYTE			
Title	0.95V		
Size	Document Number	GV-RX570GAMING-8GD-MI	Rev 1.11
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(18) SMALL RAIL REGULATORS

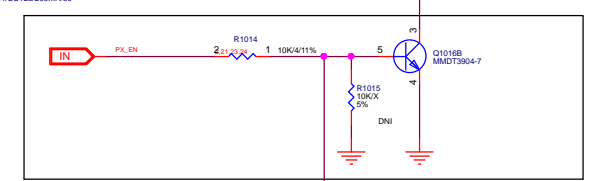
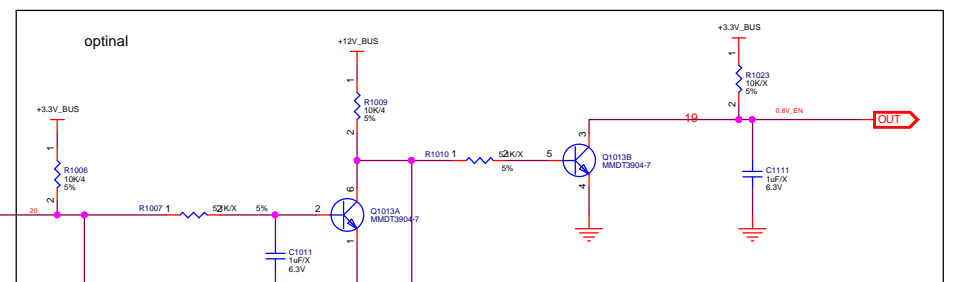
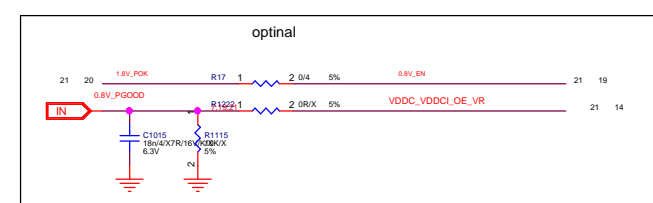
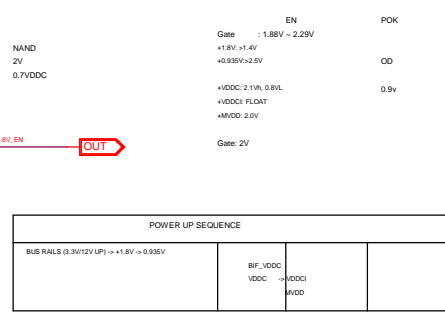
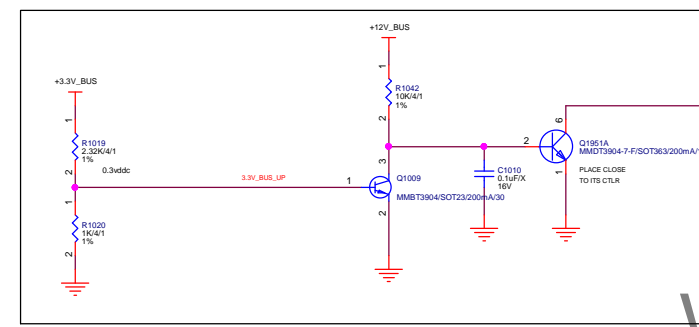
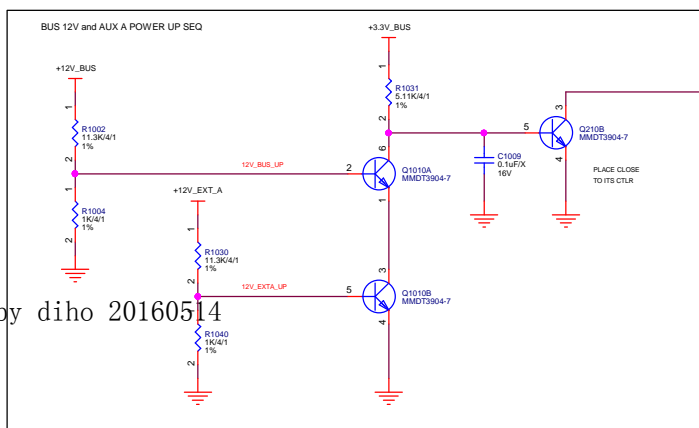
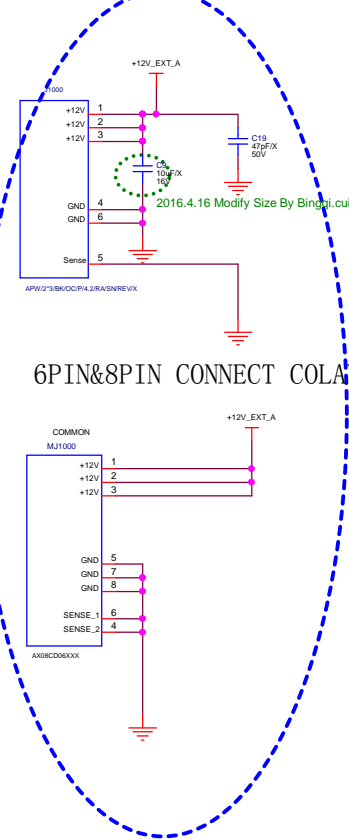
LDO #1: VIN = 3.0V TO 3.6V MAX VOUT = +1.8V +/- 2% IOUT = 1.3A RMS MAX
 PCB: 50 TO 70mm SQ. COPPER AREA FOR COOLING



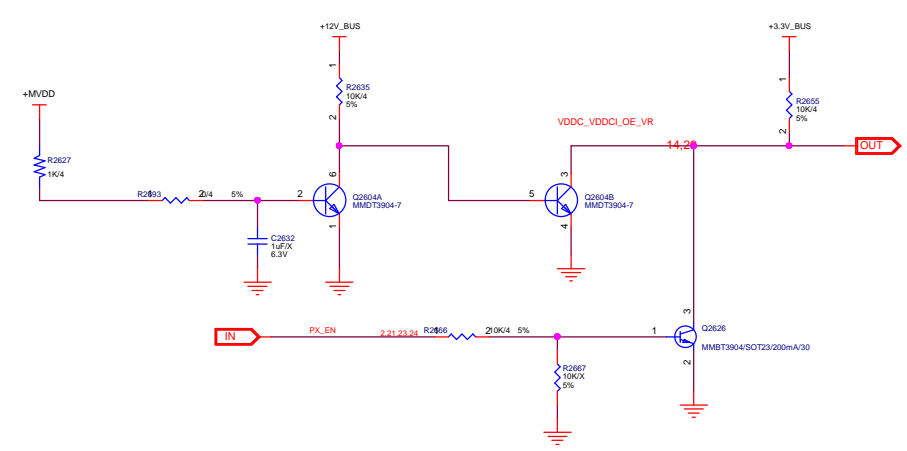
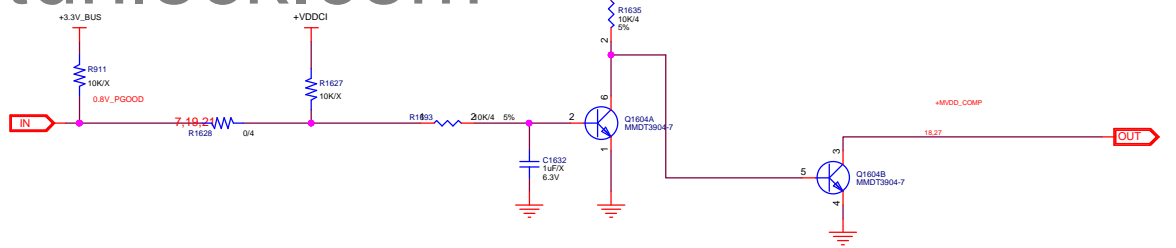
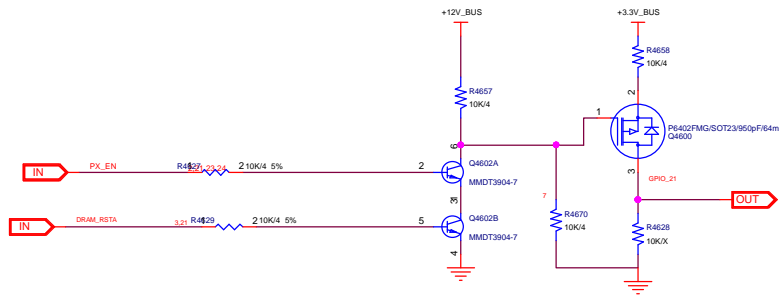
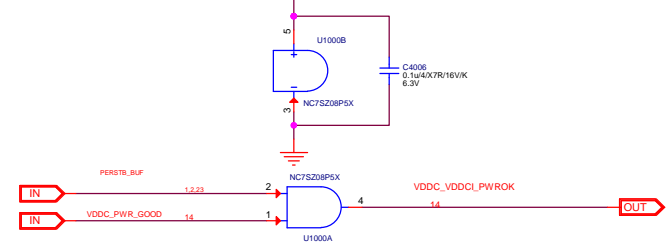
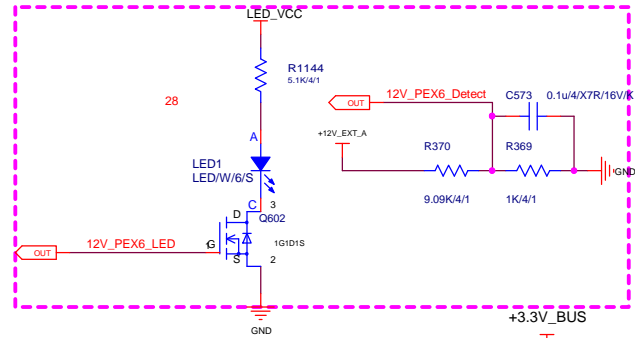
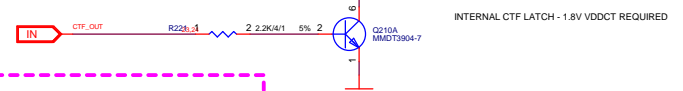
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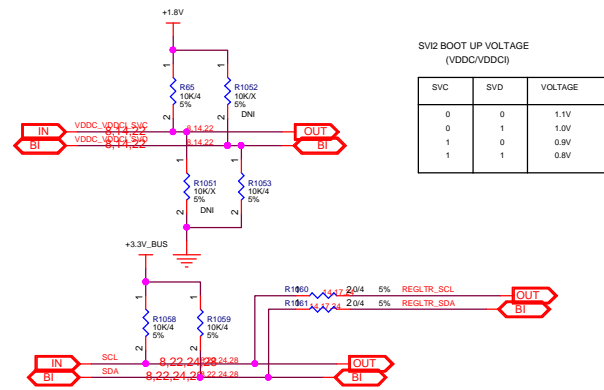
GIGABYTE			
Title SMALL RAIL REGULATORS			
Size	Document Number	Rev	
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(19) POWER MANAGEMENT

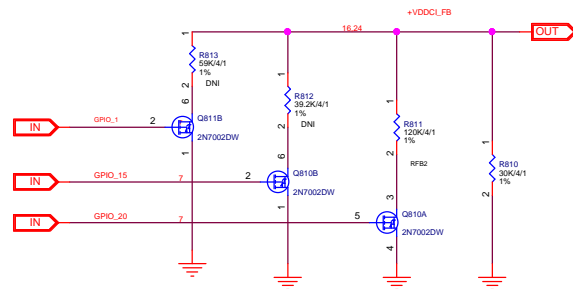
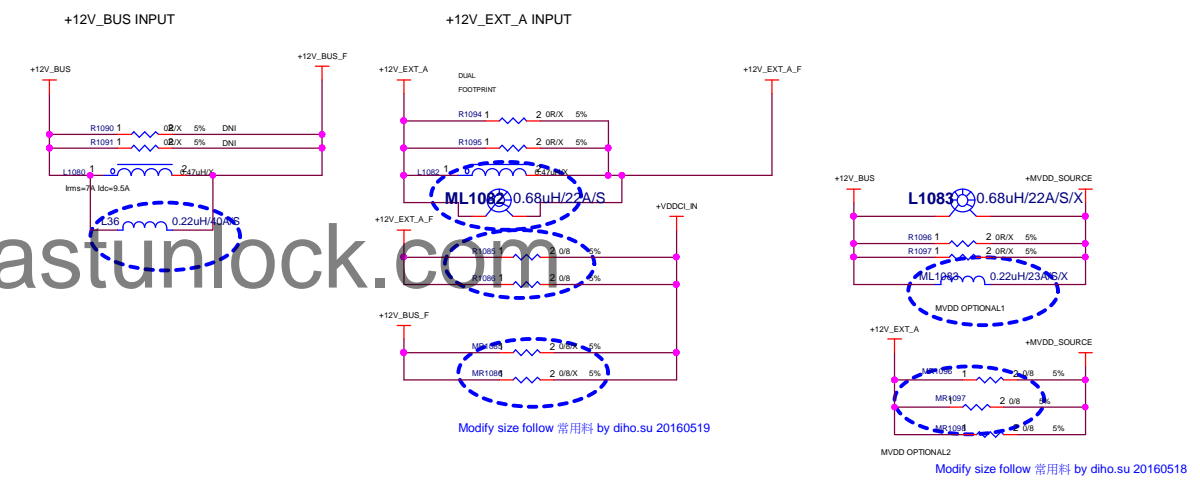


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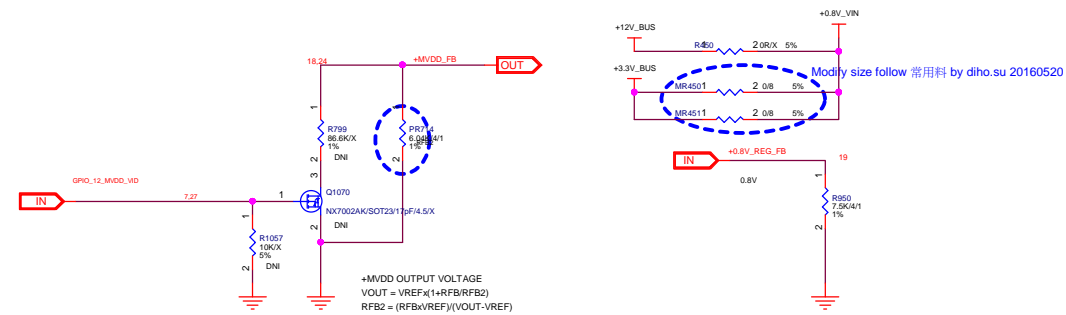




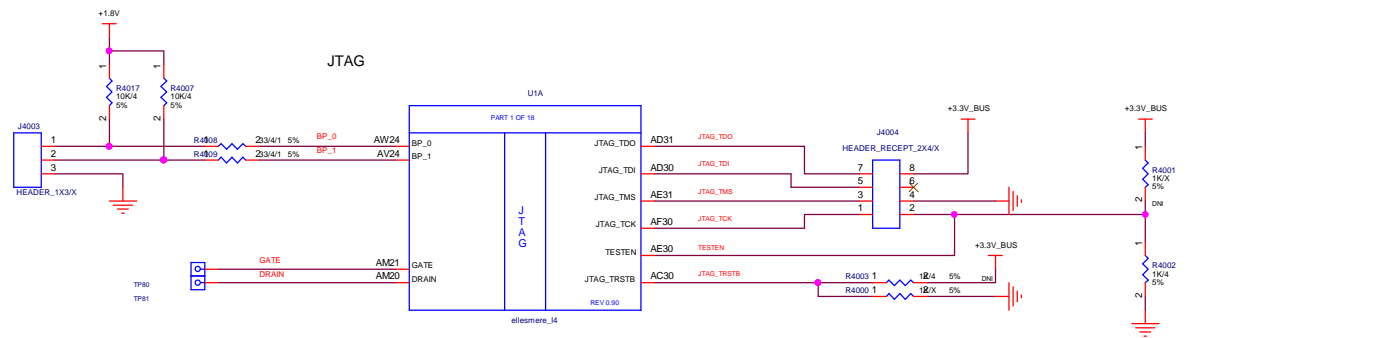
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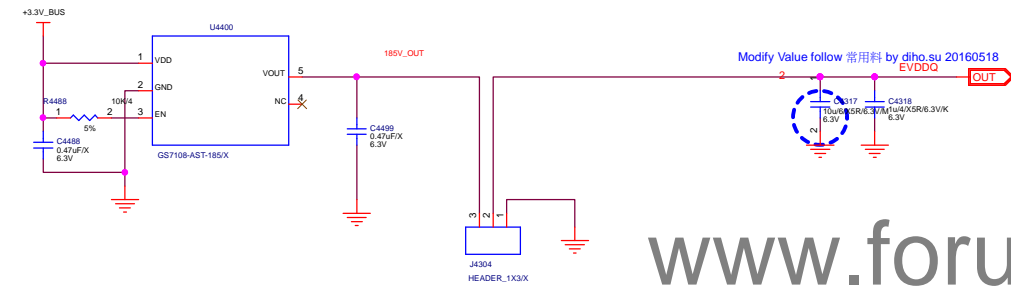
www.teknisi-indonesia.com



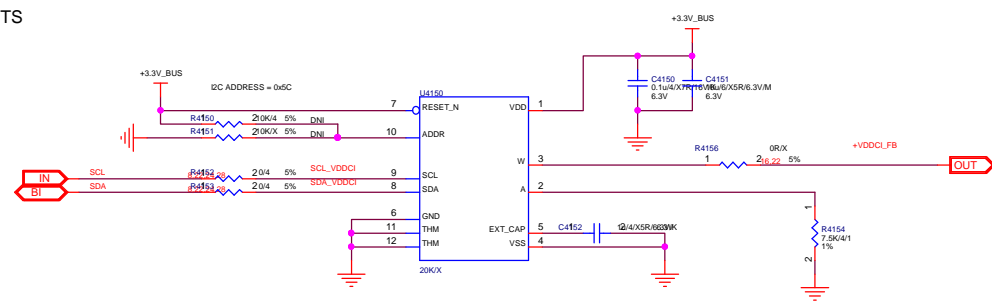
(21) DEBUG CIRCUITS



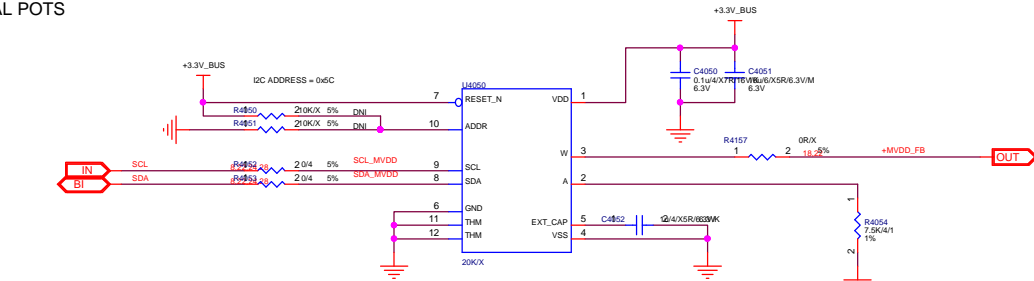
E-FUSE CAPABILITY
DEFAULT = GPIO-CONTROLLED (MANUAL OPTION AS BACK-UP)



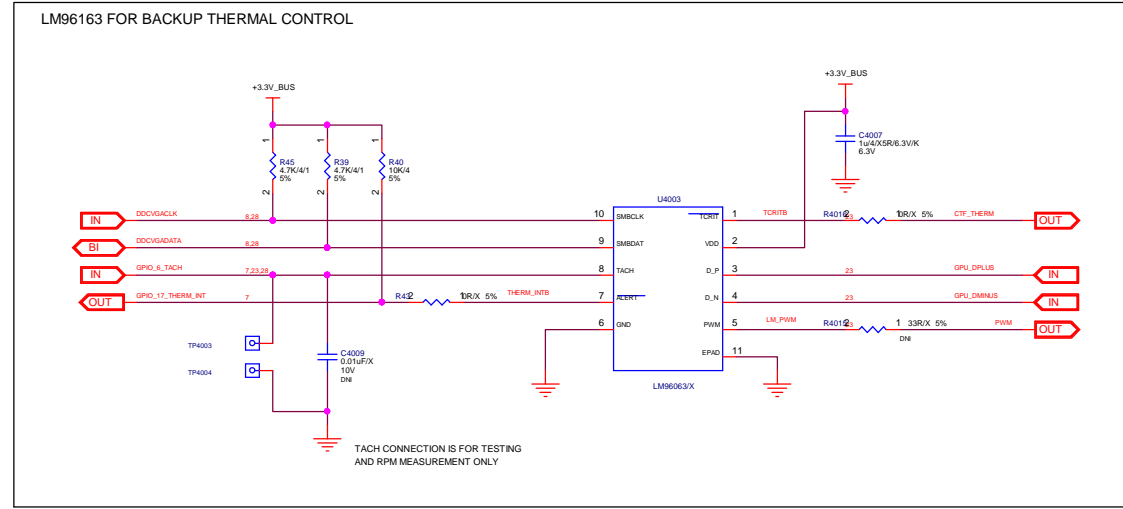
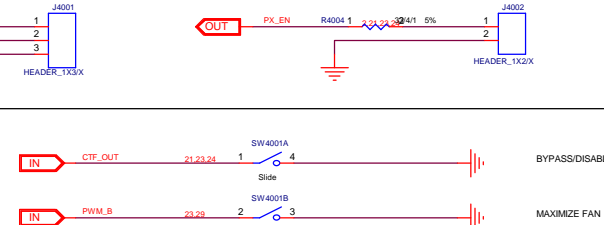
DIGITAL POTS



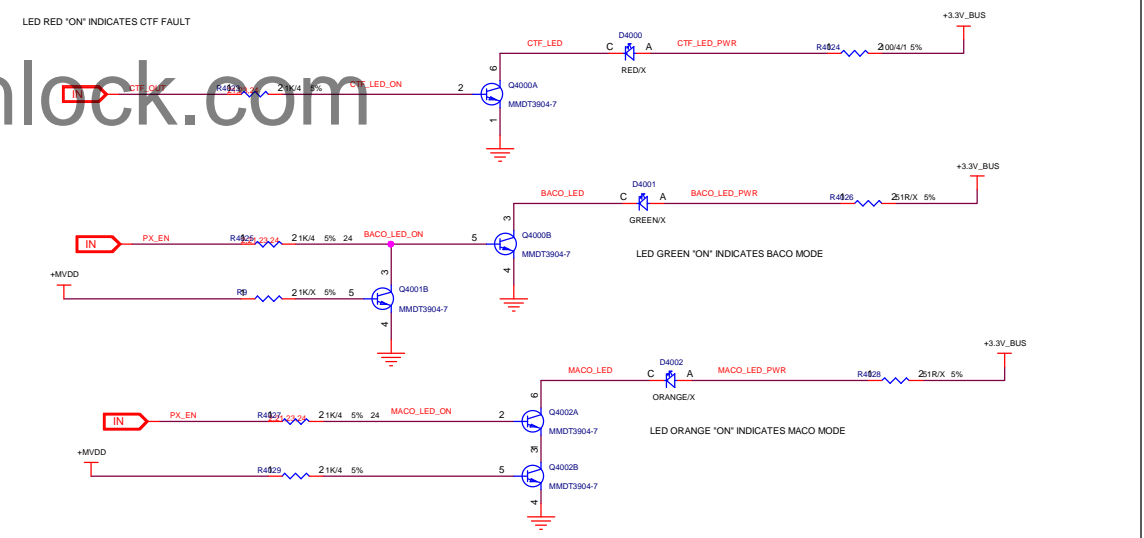
DIGITAL POTS



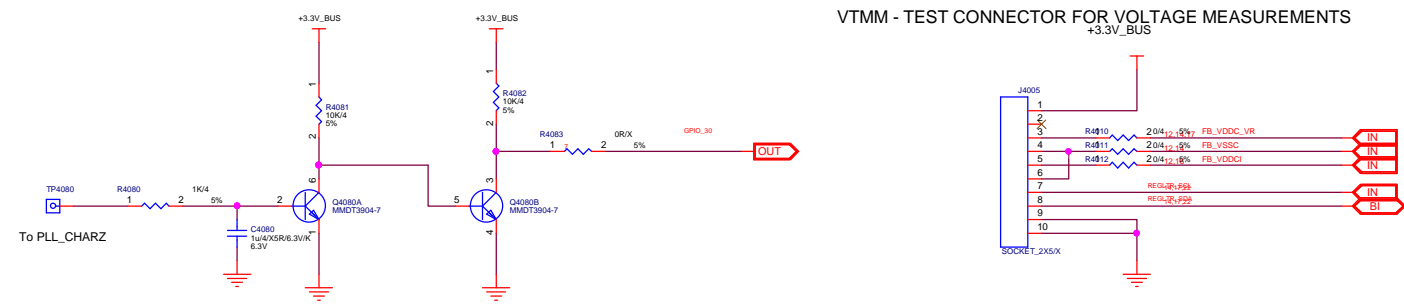
SWITCHES



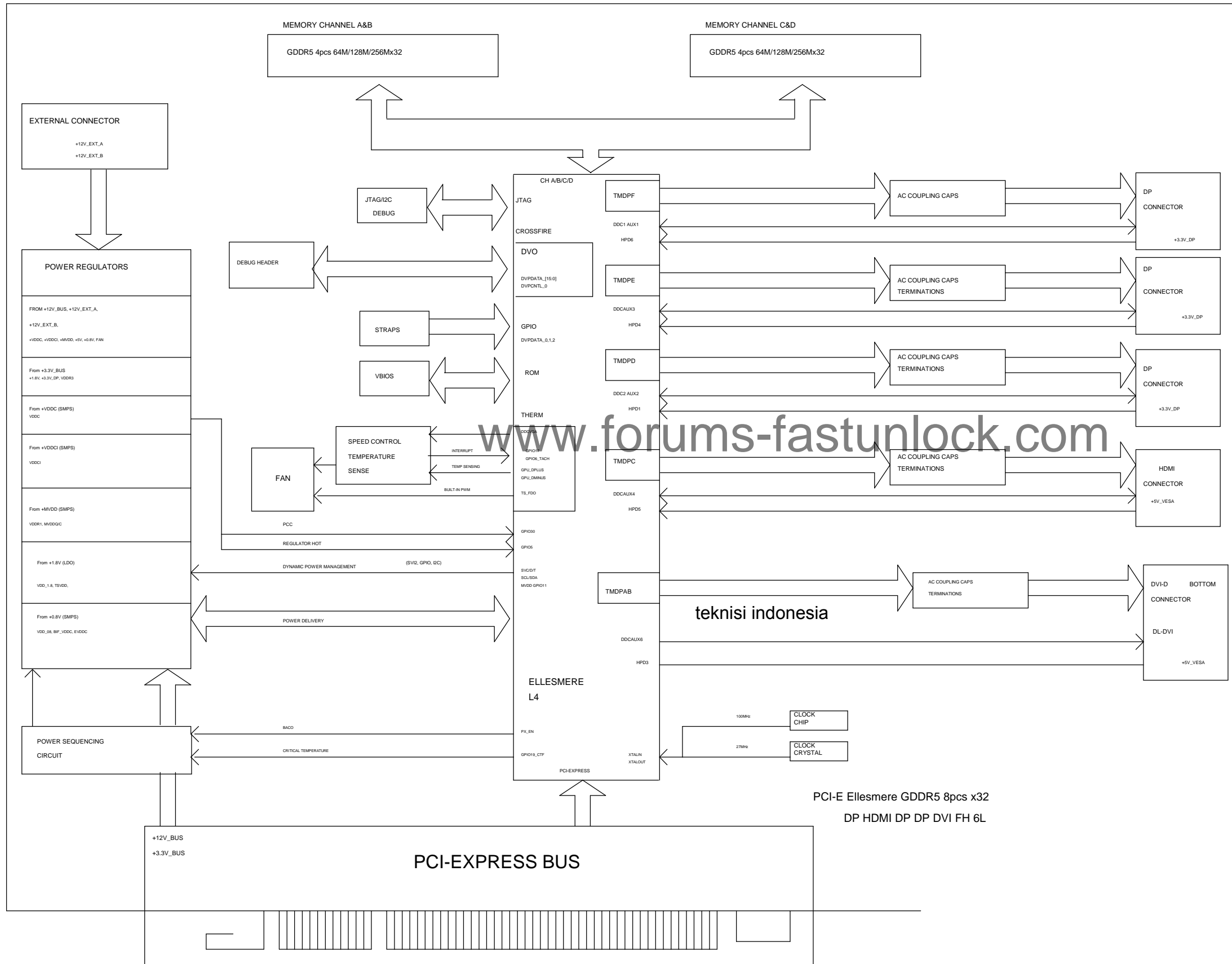
LED LIGHTS



VTMM - TEST CONNECTOR FOR VOLTAGE MEASUREMENTS



GIGABYTE			
Title	DEBUG CIRCUITS		
Size	Document Number	GV-RX570GAMING-8GD-MI	Rev 1.11
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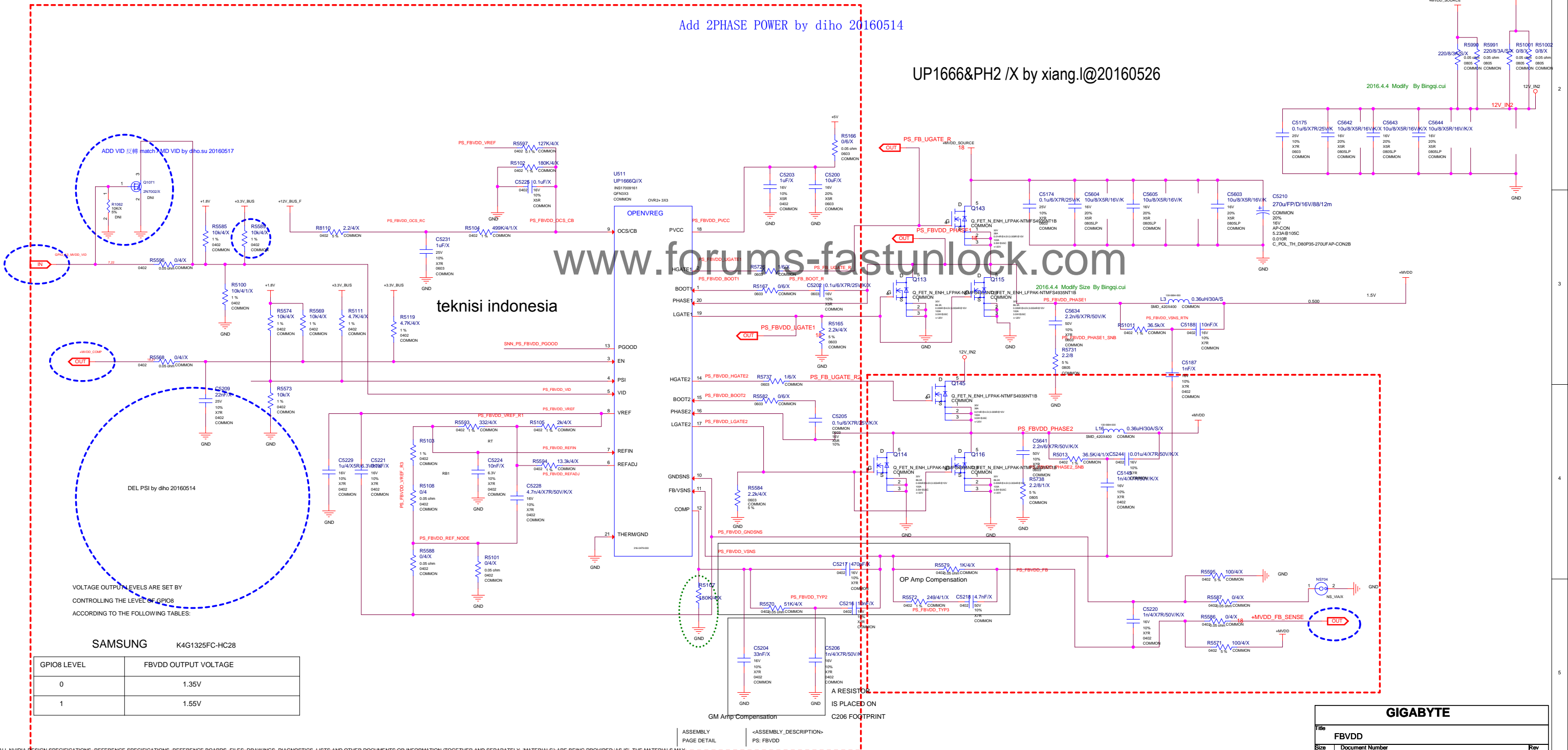
PCI-E Ellesmere GDDR5 8pcs x32
DP HDMI DP DP DVI FH 6L

GIGABYTE			
Title BLOCK DIAGRAM			
Size	Document Number	Rev	
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0	00A	000001	
1	00B	100000	1. Add DPDI for dynamic VDDC 2. Update VDDC driver sequence
2	00C	000000	HDMI: - add series resistor R1880 -R1887 - add pull down inductor L1880 -L1887 remove C405, C403, VR400,C410,C414,R405
3	00D	000000	Modify GBT Design

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GIGABYTE			
Title			
BLOCK DIAGRAM			
Size	Document Number	Rev	
Custom	GV-RX570GAMING-8GD-MI	1.11	
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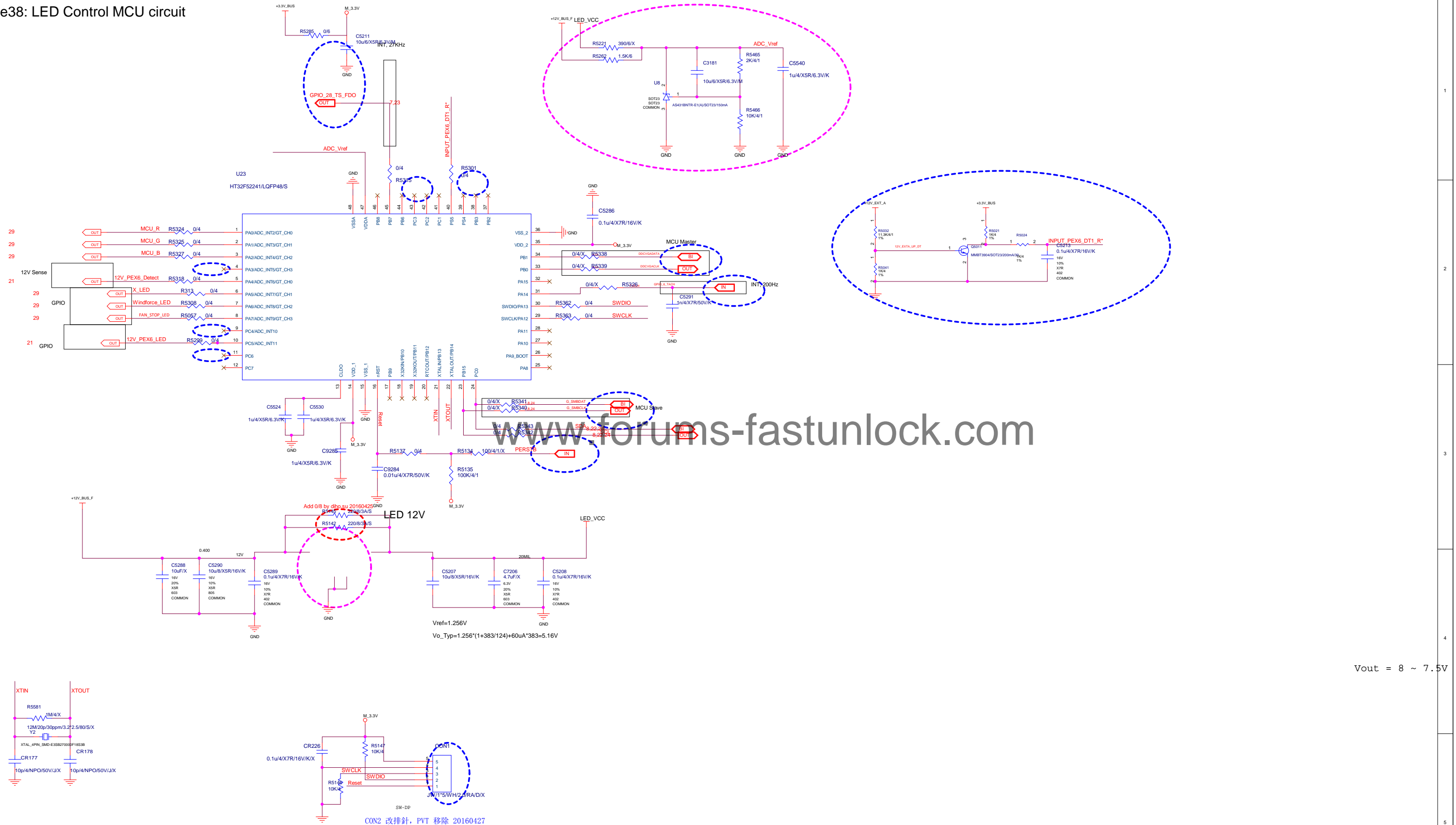


SAMSUNG K4G1325FC-HC28

GPIO8 LEVEL	FBVDD OUTPUT VOLTAGE
0	1.35V
1	1.55V

GIGABYTE		
Title	FBVDD	
Size	Document Number	Rev
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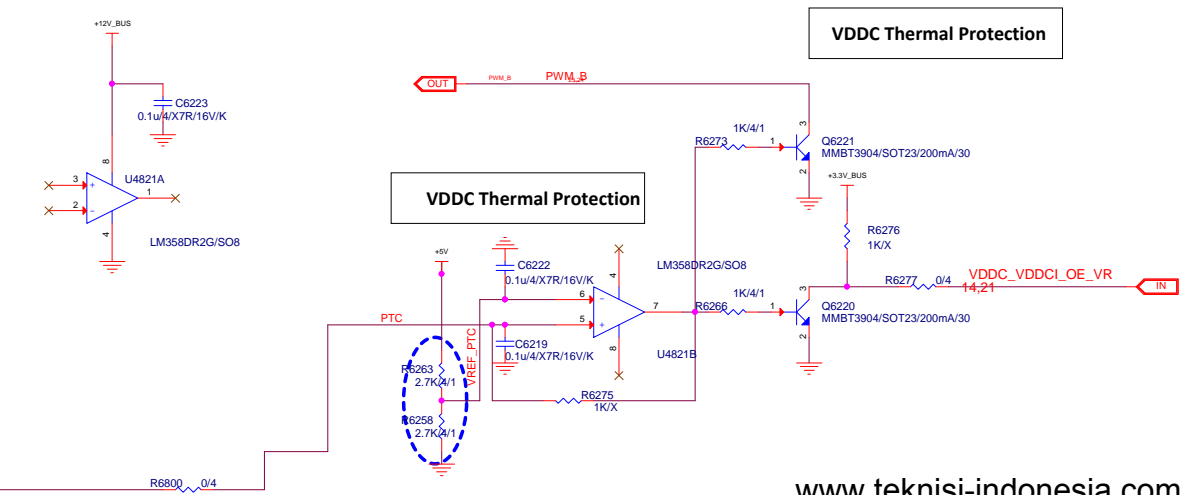
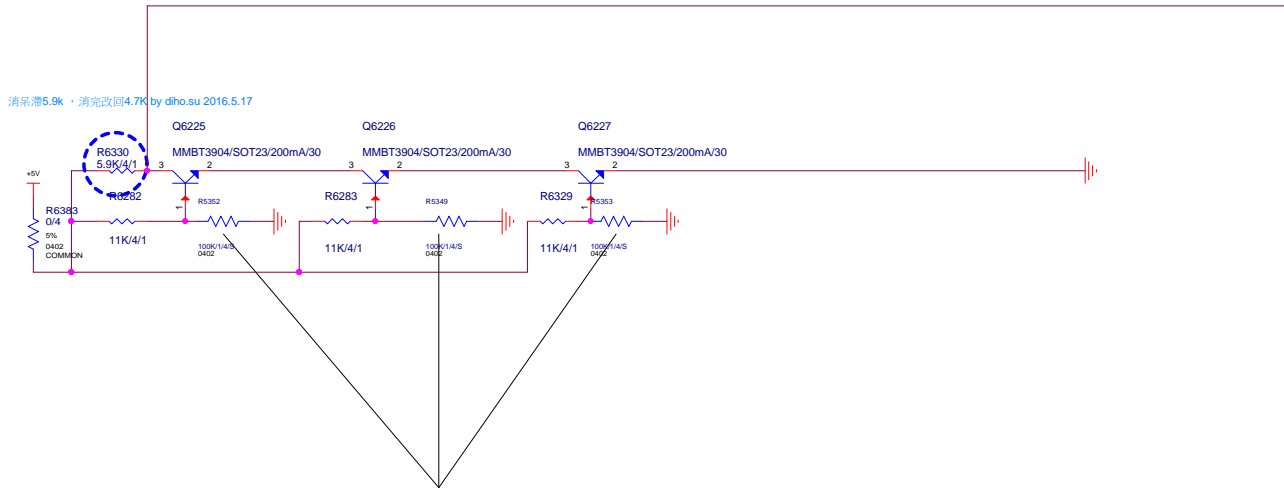


Vout = 8 ~ 7.5V

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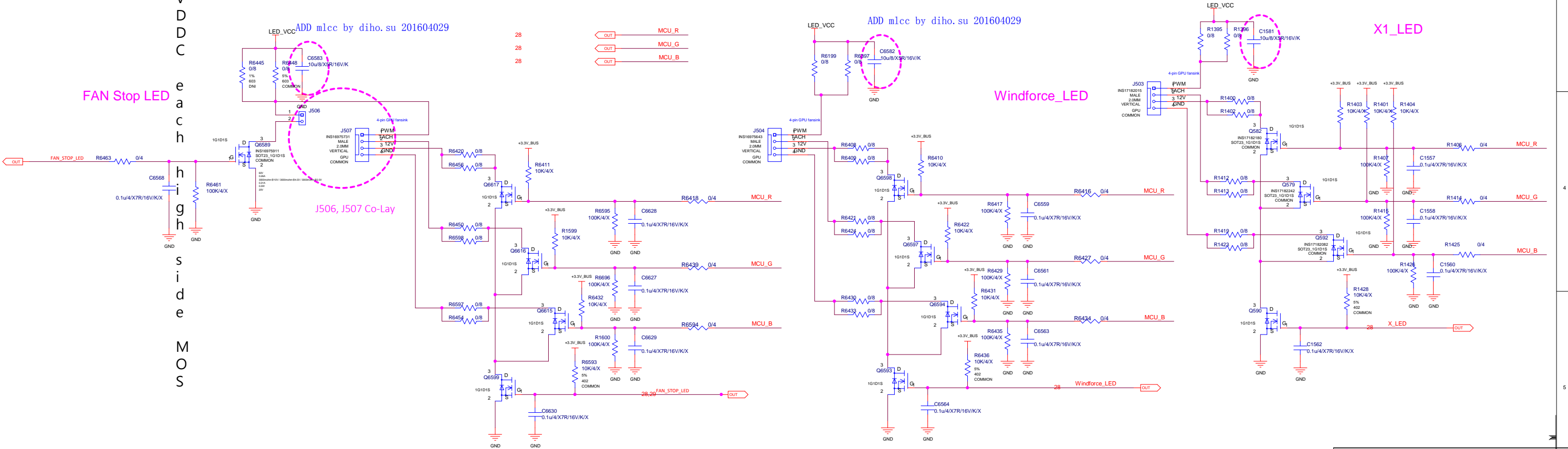
Title		
Size	Document Number	Rev
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Add MOS VRHOT CIRCUIT



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Title		
Size	Document Number	Rev
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